VHF-UHF DIGEST

The Official Publication of the Worldwide TV-FM DX Association

JULY 2021

2 hop FM Skip Reported from Cape Cod to Puerto Rico

Left: Double Hop E skip from Palmdale, CA to Tampa!

And later the **same station** skipped from **Tampa** to **Washington State** and was heard on a portable with an extended whip. **What next?**

What's next??

GREENLAND 88.5 AND QUEBEC 90.7 LOGGED IN N.IRELAND

SPAIN ON 88.8 SKIPS TO NEWFOUNDLAND.

First Verified Reception of European FM in North America

THE VHF-UHF DIGEST

The Worldwide TV-FM DX Association

Serving the TV, FM, 30-50mhz Utility and Weather Radio DXer since 1968

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: SAUL CHERNOS, KEITH MCGINNIS, JAMES THOMAS AND MIKE BUGAJ

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The WTFDA FM Radio Station Database is administered and updated daily by your fellow WTFDA members.

Our new social media site is at Weme.com. https://mewe.com/join/tvandfmradiodx. Register and join the group. This is a private group for WTFDA members. 70+ registered users.

The Mailbox

P.O. Box 501 Somersville, CT 06072
Mike Bugaj - Enfield, CT mikeb@wtfda.org

Here it is, the 2021 E skip season. It's time to take the WTFDA Es van out of storage, give it a tune up and an oil change, and get it back out on the road finding skip for you and me.

I think most of us had some pretty decent Es during the first half of June, but that dreaded "June lull" took over and killed it for the second half of the month. Now, at the very end of June, Es *seems* to be making a return but we'll have to see how it all plays out.

This month we welcome Mathew Amador to the club. Mat, as many of you have already heard, has already received 2Es from his home in Palmdale, CA. The info is on the front cover. We also welcome back Randy Zerr, currently living in Nevada somewhere in the middle of nowhere, where he's doing well with Es this season And then we welcome Leslie Wood from the state of New York, who was a WTFDA member back in the 90s and remembers Bill Nienajadly, who was one of the first DXers to begin changing filters in their tuners and receivers. Bill got me started in it. Welcome and Welcome back to you all.

For renewals we have Sheryl Paskiewicz, Paul Snider, Gray Fulk, Kegan Parkinson, Brian Penney (2 years), Juan Gualda, John Marx, Dan Oetting (2 years), Rick Lucas, John Lochey, Dave Bright, Taylor Crain, Mike Glass, Bill Coury, Wally Bloss, Stephen Ponder, Stan Weisbeck, Dennis Bannister, Jeff Kruszka, Al Tobia, Tim McVey, Mike Lazaro, Rob Keeney (thanks for rejoiniing!) and David Austin. Thanks everyone and have a great Es season! Thanks for supporting the WTFDA.

Here's a little from Mat Amador regarding his 2Es reception: "This is my first post on WTFDA, so allow me to introduce myself briefly. My name is Mat, otherwise known as N6AVI, or my online alias, "SkyWaveBirdDX" I reside here in Southern California, in a little town called Palmdale. I have been doing FM DX for the last three years, and it's been an exciting hobby to get into.

I'd like to inform this forum of a multi-hop Sporadic-E catch I have got recently. On May 26, 2021, at 4:54 PM local [2354 UTC] during a really strong and bizarre opening on FM during May, I happened to catch WBVM from Tampa, Florida. Distance has been found to be 2,153 mi, or 3,465 kilometers. Confirmation: RDS with valid PI code on SDR which was used during the event."

And then in June another FM Dxer in Moses Lake, WA reported double hop reception of WBVM 90.5 at 2:35pm (PDT) at 2377 miles on June 16th. The reception was made using a SPARC SHD-TX2 portable with extended whip antenna. The Dxer supplied a photo of his the SPARC's RDS display

which we include here. Imagine that! He heard double hop FM Es using a portable radio with the built-in whip extended.

Here's a note from Leslie Wood (NY): "Hi, I'm a fellow member of WTFDA, having just joined this past May! I'm also a member of the NRC, longtime member since 1993! I remember first joining WTFDA, in the summer of 1994, when I received physical VUD's, and you were HQ'd in Buffalo, New York. I remember corresponding with WTFDA member, Bill Nedjeny at the time! "

We have new WTFDA member Paul Logan and another remarkable Es reception from Northern Ireland..."Checking IQ files of the end of the opening to Greenland today a station fades up on 90.7 for a few seconds with a radio canada. ca email address. Checked against the online show recording from *Ici Musique and bingo it fits! Think it's this:*

90.70 1401 CAN CBRX-FM-3, Rivière-du-Loup (QC) yl with "radiocanada.ca" email address, brief. Fits online recording of show 4261km

89.5 from the same site is blocked for me but had it been Sherbrooke QC then 89.7 would have been in too and it wasnt. So I think I'm going with Riviere Du Loup - the larger powered closer transmitter.

I'm very surprised at this reception. Not only that it happened but that it was such a southerly path at the same time as GRL.

Does anyone know if there are any other "Ici Musique"s on that frequency but further north?
So thats TA - 5 to North America from here and 2 to the Caribbean since 2003.
I'll sleep tonight!!!!!"

Not to be outdone, here's another great one from Bryce Foster...Puerto Rico FM to Mashpee, MA (which is on Cape Cod)...

June 16th 2021 - 2x Es - MA to Puerto Rico

Things have come full circle as my second lifetime 2x Es catch is the exact inverse path of my first one (first 2x Es is pinned on the forum, from Puerto Rico to Canadian Maritimes, however that opening started with a sports signal on 96.3 that I believe was WEII-FM, one of my current locals).

I noticed on DXMaps a good amount of Es from MA and ME to Puerto Rico... without a lot of other activity I swung south and rolled SDR IQ recordings from 88-95 MHz hoping maybe I'd catch a fadeup. Sure enough, I loaded the IQ back up about an hour later and found a 2 minute fadeup with 3 signals; 88.1, 89.7 and 90.5.

> **88.1** programming was Spanish Christian music, "Vamos A Salir a la Calle" by Alay Music ft. Gilberto Daza. RDS did trigger for this one, a bogus code of FFFF. I suspect this was WCRP-FM Guayama, PR. This is not noted in the WTFDA DB, and while I was in Puerto Rico in 2020, this station was running a different bogus PI code.

89.7 was my positive ID. Jazz programming, a nice signal over a weak WGBH off the back of my antenna. No audio ID, but RDS including PI and PS information came through strong with WRTU's data, consistent with what I saw last year while in PR.

Logbook information is **89.7 WRTU San Juan, PR (1636 mi, 50 kW) RDS PI 838E, PS "WRTU-FM"**

Youtube video: **https://youtu.be/ooUvtqh695E**

90.5 was a weaker signal, also with Spanish Christian music, "Se Mueven Las Aguas" by Luis Santiago. No RDS decoded here and the signal was weaker. I assume this was WIDA licensed to Carolina, PR. WIDA shares a tower location with 88.1 WCRP.

It is certainly possible that this was a single hop + tropo situation. But based on some other paths on DX Maps, and the distance, I am presuming 2x. Earlier this week I also logged 88.1 Primera in Dominican Republic, and 96.7 CMBD-16 in Cuba. So I'm on a roll in the Carribean! Looking forward to more... this is definitely the most interesting direction for long haul rare DX here. Cheers

****

Bill Hepburn posting on the mewe.com group...

Canadian Provinces/Territories That Are Now A Huge Challenge

Best Targets Left

SK
A 2 CH2352 Green Lake - 52 watts - programming unkn
A 5 CH2353 Green Lake - 52 watts - programming unkn
A 6 CHAT-TV-2 Maple Creek - 52 watts - IND (Medicine Hat, AB)
DT 8 CKCK-DT Regina - 23 kW
DT 8 CFQC-DT Saskatoon - 13 kW

PE
DT 8 CKCW-DT-1 Charlottetown - 9.6 kW

NL
A 3 CHCB-TV-1 Cape Broyle - 57 watts - CBC Newfoundland & Labrador
DT 8 CBNT-DT St. John's - 17.1 kW

YT
A 9 CKWH-TV Whitehorse - 25 watts - local LPTV

NT
A 2 CH4434 Hay River - 8 watts - programming unkn
A 4 CH4546 Hay River - 9 watts - Super Channel
A 5 CIHC-TV Hay River - 9 watts - local LPTV
A 6 CH2068 Hay River - 44 watts - Global BC
DT 8 CFYK-DT Yellowknife - 2.32 kW

NU
no licensed xmtrs left!! may be some license-free LPTVs

And that’s all for July!

We NEED Your HELP!

This is a personal request - yes - TO YOU.

I would like to know about any RECENT ***"DX Success Stories"*** that you would like to share with the WTFDA.

Send them directly to me @

Jim Thomas
Jim-T@wtfda.org

I'd like your ***"DX Success Story"*** to be something from this year - 2021. Your ***"Story"*** may already be known by many - or - something you haven't told to hardly anyone. Your "Story" can be about that single meteor scatter ID that blew you away; MAYBE it's a long distance tropo reception that you never expected; OR it's last month's E-skip event on the FM radio that wore you out and you were at the point of being sick of listening to that radio! Everyone likes a GOOD SUCCESS story. It's a form of encouragement.

Your ***"DX Success Story"*** might just show up on one of the WTFDA's social media resources -
- The WTFDA group MeWe page
- The WTFDA website homepage
- OR an upcoming issue of the VUD.

One of the reasons people donate or participate in worthy causes and activities is to help create happy endings. Some members are interested in other DXers served by the WTFDA that have a similar DXing background to theirs, and others feel good hearing one DX success story at a time. Social media helps you share both kinds of stories.

That's why you never know where your ***"DX Success Story"*** might show up!

Anecdotal stories are ideal for giving detailed accounts of how the WTFDA is encouraging you in pursuit of your DXing hobby. What the heck are *anecdotal stories?* It might be the story of your DXing life. In this internet crowded and crazy world and complicated by a recent pandemic, it can be a story about a young teenager learning about the hobby of FM DXing and how others have helped him expand his hobby. It could be about one veteran DXer, whose already logged over 3000 FM stations or 500 TV stations, and thinking there's no more to do, then suddenly realizing he can help and encourage all of the younger DXers that haven't been there yet. It might be you, the average DXer, that has realized the level and scope of services that the WTFDA has to offer, and that you would simply like to encourage your fellow TV or FM DXer, for BETTER or WORSE of DXing conditions, to stick with it. Statistics, on the other hand, create a larger view of the hobby and the reach of your DXing club, the WTFDA. Some DXers are all about DXing Statistics and the WTFDA tracks that kind of information.

By showing potential DXing members how many members are served, how much money is spent on club projects and the long-term impact of what the WTFDA is all about, you are assured of the value of your annual contribution of $10. The more I think about it, I think you get more for your money than the value of your annual $10 due. And as an added bonus (almost FREE?), all social content is shareable, meaning that if you, as a FM or TV DXer, are particularly moved by another person's ***"DX Success Story"***, you can share that story with your DXer friends.

So - what's your ***"DX Success Story"?***

Jampro enables Franken FM and ATSC 3.0 operation

Published 6/15/21

FM Sidekick Portfolio of Combiners allows Channel 6 TV Stations to Provide ATSC 3.0 TV and FM Audio Transmission on the Same Antenna Infrastructure. Jampro Antennas Inc. is a global leader in Antennas, Filters, Combiners, RF Systems, Towers, and Service. Using the Jampro FM Sidekick Combiner systems model RCCC-101-FM-4EH will allow broadcasters to combine the Next-Generation ATSC 3.0 TV and FM audio broadcasts within the assigned channel 6 bandwidth.

Consumers have long been able to tune their FM radios to 87.7 MHz and listen to the audio of a Channel 6 TV station broadcasting in analog. These so-called “Franken FM’s” have developed a niche for the underserved and minority communities in many markets. The transition to digital broadcast for TV stations eliminated the analog audio carrier. However, many stations have been looking for solutions to continue to provide this vital community service.

The FM Sidekick line of combiners provides extensive filtering and isolation. They allow a standard off-the-shelf ATSC 3.0 transmitter to be safely combined with a standard FM transmitter and present a proper loading and isolation to each transmitter. More importantly, the unique system provides adequate filtering to ensure no harmful out-of-band emissions are transmitted. The signal is fully compliant with the assigned bandwidth requirements.

The Broadcast Industry can also use the FM Sidekick line to combine standard FM education frequencies low in the FM band like 88.1 MHz and 88.3 MHz, with a channel 6 television station. It allows the sharing of a common antenna and transmission line. This approach saves costs on both the RF system and ongoing operating expenses related to tower space.

“FM Sidekick is the result of our close collaboration with a key customer who couldn’t find anything on the market to solve his unique problem,” said Alex M. Perchevitch, President & CEO, Jampro Antennas. “Our customer-first approach looks beyond delivering just an antenna but to helping our customers architect complete solutions. These reduce operating costs over many years and create new opportunities to monetize their broadcast operations.”

2021 Madison-Milwaukee Get-together for DXers and Radio Enthusiasts

It is my pleasure to be your host for the 2021 Madison-Milwaukee Get-together for DXers and Radio Enthusiasts this year. I and others who are assisting me are looking forward to a great get-together this year. This will be the delayed 27th Madison – Milwaukee DX Get-together. We would be very pleased if you can join us. If you have attended in the past, it has been your participation and that of many others that has made this event such a pleasure to host. We appreciate your past attendance. If you have not attended, we would appreciate your consideration in coming. We can think of nothing better for our event than to have a great turnout this year. Won't you join us?

The Madison-Milwaukee DX Get-together has been held on the third Saturday in August every possible year (except the 2020 pandemic year) since 1994. The purpose from the beginning has been to promote camaraderie among all DXers and radio hobbyists-- "making new friends and renewing old friendships." This is an all-band event, which brings together a diverse group of hobbyists who have one thing in common-- a love of radio.

Each year the get-together alternates venue between Madison and Milwaukee. Since we had to cancel last year due to the Covid-19 pandemic, this year it is Madison's delayed turn to host the event.

This is your invitation:
WHEN: Saturday August 21, 2021 1:00 PM - 9:30 PM (come when you can and leave when you must)
WHERE: 1114 Ellen Av., Madison, Wi. 53716 (Mark's house.)
HOST: Mark Taylor

As usual, you can expect an afternoon of good fellowship and lots of DX talk in an informal atmosphere. If you like, bring along radios, antennas, station souvenirs, QSLs, photos, log books or any show-and-tell items to share with the group. There are opportunities to DX during the event, and a few informal demonstrations are anticipated. (Details to be provided in early August). If you would like to present on a topic of interest, please contact Mark. An assortment of snacks and soft drinks will be provided during the event. If you prefer an alternative beverage, please bring your own. We will have both indoor and outdoor areas (weather permitting.) Please bring a chair if planning on sitting in the garden if possible also. Our group photos will take place in late afternoon, so bring along your camera.

A highlight of every Madison-Milwaukee get-together has always been the dinner (participation optional). As of now we have not decided on a location, so keep tuned for details. The opportunity for at least indoor group dinners is evolving, so nothing is planned at this time. Dinner is followed by a night session of DX and camaraderie until 9:30 PM or so if you wish to return to the house.

As of the time the Covid-19 restrictions have been lifted for vaccinated individuals in Wisconsin. Since things have been changing, we will abide by any Dane County Health Department orders or restrictions, although we do not anticipate any at this time. We will make accommodations as possible depending on the pandemic conditions at the time of the M&M gathering.

I would appreciate you RSVP so as to plan an approximate number of participants to markokpik@gmail.com or you may call or text me at 608-225-2690. If you have a presentation, display, or would like to offer assistance in running the event, please contact me at my e mail or phone number. Looking forward to your attendance.

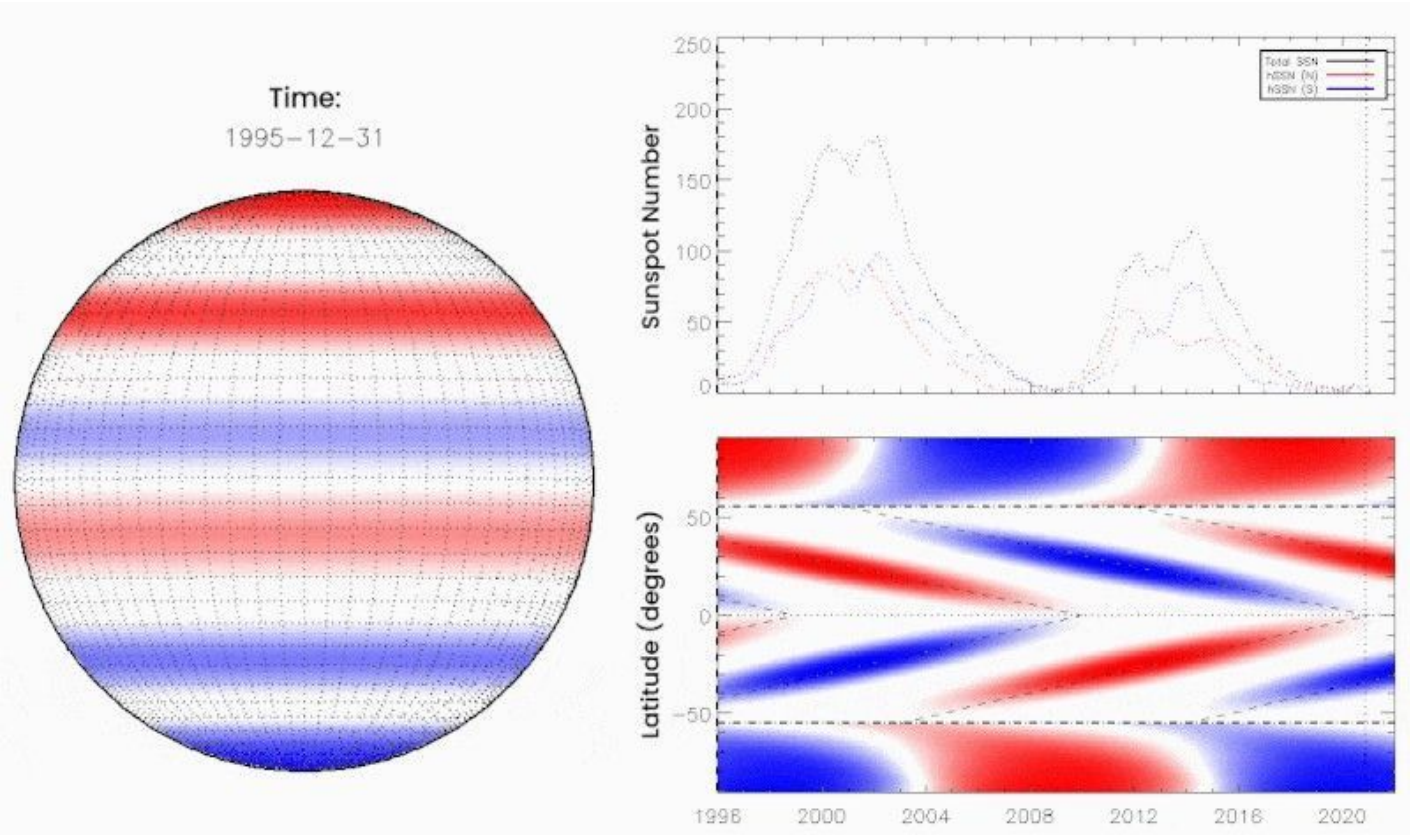
Mark Taylor
markokpik@gmail.com
608-225-2690

The Termination Event

/ Dr.Tony Phillips

June 10, 2021: Something big may be about to happen on the sun. “We call it the Termination Event,” says Scott McIntosh, a solar physicist at the National Center for Atmospheric Research (NCAR), “and it’s very, very close to happening.”

If you’ve never heard of the Termination Event, you’re not alone. Many researchers have never heard of it either. It’s a relatively new idea in solar physics championed by McIntosh and colleague Bob Leamon of the University of Maryland – Baltimore County. According to the two scientists, vast bands of magnetism are drifting across the surface of the sun. When oppositely-charged bands collide at the equator, they annihilate (or “terminate”). There’s no explosion; this is magnetism, not anti-matter. Nevertheless, the Termination Event is a big deal. It can kickstart the next solar cycle into a higher gear.



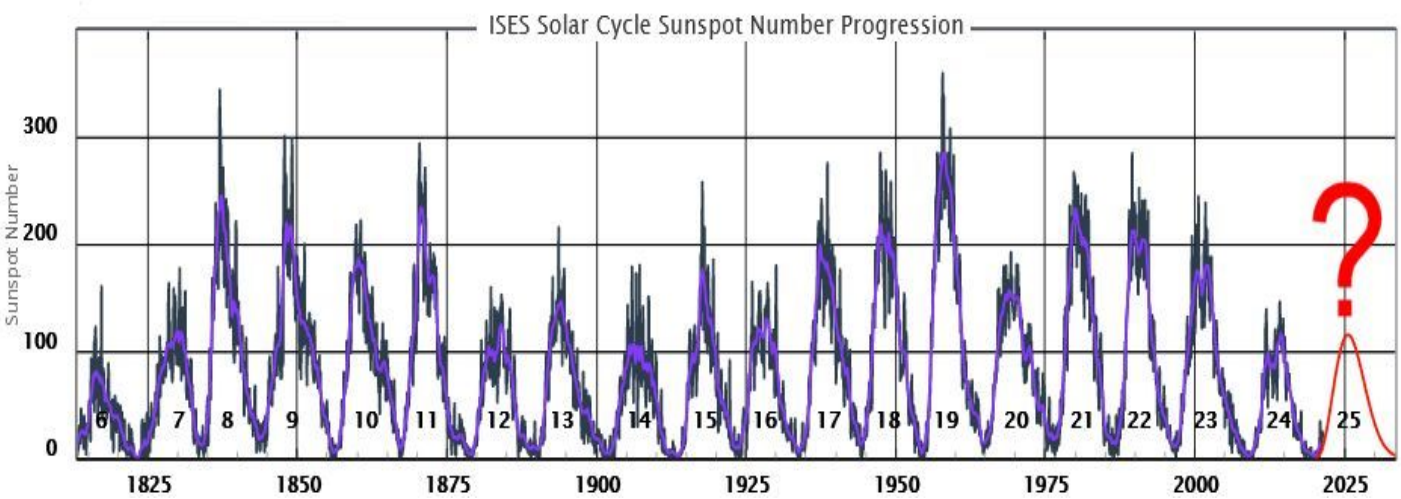
Above: *Oppositely charged magnetic bands (red and blue) march toward the sun’s equator where they annihilate one another, kickstarting the next solar cycle. [full caption]*

“If the Terminator Event happens soon, as we expect, new Solar Cycle 25 could have a magnitude that rivals the top few since record-keeping began,” says McIntosh.

This is, to say the least, controversial. Most solar physicists believe that Solar Cycle 25 will be weak, akin to the anemic Solar Cycle 24 which barely peaked back in 2012-2013. Orthodox models of the sun's inner magnetic dynamo favor a weak cycle and do not even include the concept of "terminators."

"What can I say?" laughs McIntosh. "We're heretics!"

The researchers outlined their reasoning in a December 2020 paper in the research journal *Solar Physics*. Looking back over 270 years of sunspot data, they found that Terminator Events divide one solar cycle from the next, happening approximately every 11 years. Emphasis on *approximately*. The interval between terminators ranges from 10 to 15 years, and this is key to predicting the solar cycle.



Above: *The official forecast for Solar Cycle 25 (red) is weak; McIntosh and Leamon believe it will be more like the strongest solar cycles of the past.*

"We found that the longer the time between terminators, the weaker the next cycle would be," explains Leamon. "Conversely, the shorter the time between terminators, the stronger the next solar cycle would be."

Example: Sunspot Cycle 4 began with a terminator in 1786 and ended with a terminator in 1801, an unprecedented 15 years later. The following cycle, 5, was incredibly weak with a peak amplitude of just 82 sunspots. That cycle would become known as the beginning of the "Dalton" Grand Minimum.

Solar Cycle 25 is shaping up to be the opposite. Instead of a long interval, it appears to be coming on the heels of a very short one, only 10 years since the Terminator Event that began Solar Cycle 24. Previous solar cycles with such short intervals have been among the strongest in recorded history.

These ideas may be controversial, but they have a virtue that all scientists can appreciate: They're testable. If the Termination Event happens soon and Solar Cycle 25 skyrockets, the "heretics" may be on to something. Stay tuned for updates.

TV News – July 2021

Douglas E. Smith
Nashville, TN
w9wi@w9wi.com

Stations **in boldface** are full-power; all others are LPTV, translators, or Class A. In Canada & Mexico, stations of more than 3kw (VHF) or 15kw (UHF) are marked **in boldface**. Stations *in italics* are analog. This will be the last month you see any of these in the U.S.. (but there are a few left in Canada)

Location	*RF Ch*	*Callsign*	*Notes*
Alabama			
Cullman	25	WCQT-LP	From 43, 2kw/73m; granted at 1.5kw.
Tuscaloosa	**36**	**WSES**	**Operating at unspecified reduced power less than 80% since June 11th.**
Alaska			
SEE TEXT FOR ALASKA ANALOG LPTVs WHICH WILL SURVIVE PAST JULY 13TH.			
Bethel	*21*	*K21AO*	*License canceled June 7th.*
Delta Junction	*10*	*K10OB*	*License canceled June 25th.*
Dutch Harbor	8	KUCB-LP	Requests conversion to digital; granted.
Girdwood	8	K08KA	Converted to digital, 300 watts/-337m.
Girdwood	*10*	*K10MB*	*License canceled June 22nd.*
Sitka	8	K08KY	Requests conversion to digital. Withdrawn.
Sitka	9	K09AAD	Application for Digital Companion Channel for K08KY, 570 watts/-155m, 57-03-12/135-21-14; same site/power/height at the analog ch. 8 signal.
Arizona			
Cottonwood	16	K16PB	Power increased to 15kw/761m.
Phoenix	12	K18JL	From 18, 3kw/396m. Channel will soon be freed by KPNX's move from ch. 12 *to* ch. 18.
Phoenix	13	KDPH-LD	Moved from 46, 3kw/471m, 33-20-04/112-03-44.
Phoenix	**33**	**KTVW-DT**	**Power increased to 560kw/510m.**
Tonopah	25	KJPO-LD	Moved from 49, 15kw/133m, 33-31-55/113-06-32; from Parker. Yes, there *is* a Tonopah in Arizona.
Yuma	19	K19CX	Requests conversion to digital, 1.8kw/392m, 32-40-25/114-20-12; granted.
Yuma	31	K42LS	From 42, 15kw/400m, 32-40-21/114-20-10.
Arkansas			
Clarksville	4	K04RA	License canceled June 8th.
Hope	*50*	*KTSS-LP*	*License canceled June 8th.*
Jonesboro	16	KJNB-LD	From 27.
Little Rock	43	KTWN-LD	License canceled June 8th.
Nashville	*23*	*KJEP-CA*	*License canceled June 8th.*
Paragould	24	K24NY	Requests power increase to 15kw/473m, 35-53-22/90-56-08. Granted.
Texarkana	19	KTEV-LD	Moved from K13WS, 410 watts/23m, 33-26-49/94-04-26.
Baja California			
Ensenada	**14**	**XHCPAH**	**NS (SPR)**

Location	*RF Ch*	*Callsign*	*Notes*
Mexicali	**7**	**XHCPAO**	**NS (SPR)**
Tijuana	**9**	**XHCPAT**	**NS (SPR)**
Baja California Sur			
Los Cabos	**15**	**XHCPCL**	**NS (SPR)**
California			
Bakersfield	3	K03IR	Requests power reduction to 500 watts/-5m, 35-26-45/119-12-19. Granted.
Bakersfield	17	K17LX	Requests power increase to 8kw/-1m, 35-26-45/119-12-19. Granted.
Cal-Oregon	33	KQSX-LP	Requests STA 100 watts/-355m, 41-17-34/122-18-22; to operate at reduced power pending completion of authorized facility.
Calexico	42	K42KZ	OFF Aug. 14, 2020 pending delivery of equipment for move to K29LS.
Camarillo	6	KUHD-LD	Requests conversion to digital, 100 watts/440m, 34-20-57/119-20-10.
Daggett	34	K34QW	Application for digital companion channel for K15BZ, 15kw/106m; granted. Supersedes application to go digital on ch. 15.
Eureka	19	K19IC	Requests power to 780 watts/446m, 40-43-49/123-57-12.
Indio	2	K02RL	From K18LI, 2kw/-98m, 33-43-08/116-14-00; amendment from 3kw. Displaced by KPSP-CD Cathedral City. Granted.
Inyokern	6	KLOA-LP	Requests conversion to digital, 500 watts/387m, 35-28-41/117-42-01. Granted.
Los Angeles	3	KSGA-LD	See sharing host KVHD-LD.
Los Angeles	3	KVHD-LD	Requests STA 700 watts/697m, 34-11-14/117-42-04; temporary facilities pending completion of permanent.
Los Angeles	20	KMRZ-LD	From 22, 15kw/871m, 34-12-46/118-03-45.
Monterey	14	K14TG	Requests power increase to 630 watts/154m; granted.
Monterey	24	KMCE-LD	OFF June 16th pending move.
Monterey	30	K30OM	From K29AB, 5.41kw/703m; granted.
Needles	26	K26PR	From K48NJ, 15kw/-65m; granted.
Oroville	26	K26PQ	Application for new station, 5kw/-95m; DCC for analog K08NH; granted.
Oroville	29	K29NU	License canceled June 8th.
Rancho Palos Verdes	**30**	**KXLA**	**Granted power increase to 1000kw/947m.**
Rohnert Park	22	KZHD-LD	Power reduced to 2kw/411m, 38-19-56/122-35-44.
San Bernardino	3	KSGA-LD	Requests STA for this channel, 700 watts/697m, 34-11-14/117-42-04. Needs to avoid running afoul of the off-over-a-year rule but is not ready to begin sharing.
San Jose	6	KBKF-LD	Requests STA to run an analog FM signal at the top of the channel while operating in ATSC 3.0. Granted, with significant conditions. See end of column.
Santa Barbara	**21**	**KPMR**	**Requests STA 250 watts/914m, 34-31-28/119-57-39; temporary tower after collapse of licensed facility. Granted.**
Santa Maria	26	K26PP	From K38ME, 6.85kw/564m, 34-54-37/120-11-13; granted.
Stockton	32	KFKK-LD	Requests STA 5kw/100m; unable to reach full power due to transmission line issues. Returned to full power of 10kw June 11th.
Ventura	**30**	**KJLA**	**See sharing host KXLA Rancho Palos Verdes.**
Victorville	6	KCIO-LP	Requests conversion to digital, 100 watts/716m.
Chiapas			
Pijijiapan	14	XHAO-*n*	New station, 1.02kw/-89m, 15-41-29/93-12-33; booster of San Cristóbal de las Casas.

Location	*RF Ch*	*Callsign*	*Notes*
Chihuahua			
Cd. Cuauntémoc	**18**	**XHCPAV**	**NS (SPR)**
Cd. Delicias	**17**	**XHCPAW**	**NS (SPR)**
Cd. Juárez	**8**	**XHCPCN**	**NS (SPR)**
Coahuila			
Saltillo	**10**	**XHCPAY**	**NS (SPR)**
Colima			
Manzanillo	**9**	**XHCPCP**	**NS (SPR)**
Colorado			
Akron	13	K13XW	Requests conversion to digital, 26 watts/98m. Granted.
Antonito	29	K46MV	Moved from 46.
Breckenridge	26	K26GY	OFF June 4th, transmitter problems.
Crawford	24	K24JO	OFF Mar. 23rd, tower collapse.
Denver	**7**	**KMGH-TV**	**Operating at reduced power of 40.5kw since May 6th due to transmitter failure. Returned to full power June 22nd.**
Glenwood Springs	27	KHGS-LD	Requests STA for this channel, ex-ch. 39, 100w/-87m; to operate on new channel at existing site at reduced power. Plans ATSC 3.0.
Grand Junction	14	K38JX	Requests STA for this channel, 100w/263m; to operate on new channel at existing site at reduced power. Plans ATSC 3.0.
La Junta	35	KQAF-LD	Calls changed from K35DZ.
Sterling	15	K15LI	Moved from K49MF.
District of Columbia			
Washington	4	STA-761519	Requests STA, 5 watts/-32m, 38-52-23/77-00-27; Live Sports Radio, Nationals Stadium, June 7th through Oct. 30th. Granted.
Washington	**33**	**WHUT-TV**	**To convert to ATSC 3.0, hosted in ATSC 1.0 on WJLA-TV 7.**
Washington	**36**	**WTTG**	**Power increased to 1000kw/235m, 38-57-50/77-06-17.**
Washington	**36**	**WTTG**	**Power increased to 290kw/159m, 38-57-50/77-06-17 (aux).**
Durango			
Victoria	**12**	**XHCPBJ**	**NS (SPR)**
Florida			
Clearwater	26	WXAX-CD	Requests power increase to 15kw/403m; granted.
Daytona Beach	21	WDYB-CD	OFF May 27th, transmitter failure. Returned to the air June 16th.
Jacksonville	27	WWRJ-LP	Requests conversion to digital, 200 watts/16m, 30-16-52/81-34-12. Amended to 12m at 30-19-27/81-41-22 & converted. Requests power increase to 15kw/266m; granted.
Jacksonville	32	W32EZ	Requests conversion to digital from analog W50CO, 15kw/142m, 30-16-36/81-33-57; granted.
Jacksonville	45	W45BZ	OFF Feb. 7th.
Jasper	6	W06DI	From ??, 3kw/19m, 30-25-32/82-54-47; granted.
Jasper	34	W34FW	From W38FB, 15kw/19m; granted.
Melbourne	19	W19EM	From W32DJ; granted.
Miami	6	WEYS-LD	Granted conversion to digital.
Ocala	12	W12DQ	Requests power reduction to 350 watts/29m, 29-08-53/82-08-16. Amended to 35m at 29-21-25/82-17-56. Granted.
Okeechobee	26	W26FI	Requests power reduction to 350 watts/22m, 27-29-38/81-24-58.
Panama City	19	WIDM-LD	Requests power increase to 15kw/58m, 30-07-26/85-25-41. Granted.
Panama City	25	W25FK	From W16CX, 12kw/307m, 30-21-09/85-23-28; granted.
Pensacola	7	W07DU	Requests power reduction to 350 watts/10m, 30-38-31/87-02-40.

Location	*RF Ch*	*Callsign*	*Notes*
			Granted.
Pensacola	22	WCTU-LD	From 46, 5kw/99m; granted.
Tallahassee	15	W15EQ	New station on the air, 15kw/260m, 30-34-28/84-12-09.
Vero Beach	25	W25ER	Requests power reduction to 350 watts/16m, 27-38-08/80-27-57.
Georgia			
Albany	**29**	**WFXL**	**From 12, 800kw/302m; to implement granted reassignment. Granted.**
Augusta	**27**	**WRDW-TV**	**From 12, 800kw/484m; to implement granted reassignment. Granted.**
Byromville	17	W17EQ	From W50ET, 3kw/30m; granted.
Byron	14	W48EI	From 48, 15kw/12m, 32-378-12/83-44-18; granted.
Columbus	*19*	*WANX-LP*	*Returned to the air Mar. 18th.*
Dublin	27	W27DV	Requests power increase to 15kw/12m, 32-25-11/82-23-27. See Soperton. (site is near Soperton) Granted & increased. Requests power reduction to 10kw/12m; granted & reduced. Requests further reduction to 1.9kw/29m, 32-01-22/82-24-28; between Vidalia & Baxley. Granted. Requests further reduction to 1.9kw/18m, 31-45-53/82-13-38; granted.
Hinesville	31	W31FD	Requests power reduction to 1.8kw/45m, 31-49-53/81-47-20; CL from Soperton. Granted.
Hinesville	34	W34FV	Requests power reduction to 1.8kw/45m, 31-49-53/81-47-20; CL from Soperton
Savannah	**23**	**WTOC-TV**	**From 11, 1000kw/442m; to implement granted reassignment. Granted.**
Savannah	31	W31FE	From W23FE, 2kw/28m, 32-04-07/81-21-23; granted.
Soperton	13	W13DU	From W47EP, 3kw/12m, 32-25-11/82-23-27; CL from Dublin; granted & moved. Requests power increase to 3kw/28m, 32-01-22/82-24-28; between Vidalia & Baxley. Granted & increased. Requests power reduction to 3kw/17m, 31-45-53/82-13-38; granted.
Soperton	29	W29EN	Requests power increase to 10kw/12m, 32-25-11/82-23-27. Granted & increased. Requests further reduction to 1.9kw/29m, 32-01-22/82-24-28; granted & reduced. Requests site change to 31-45-53/82-13-38; 1.9kw/18m; granted & moved. Requests power increase to 1.8kw/59m, 31-49-53/81-47-20; granted.
Soperton	31	W31FD	Requests power reduction to 10kw/12m; granted & reduced. Requests further reduction to 1.9kw/29m, 32-01-22/82-24-28; granted & reduced. Requests site change to 1.9kw/22m, 31-45-53/82-13-38; granted & moved. See Hinesville.
Soperton	34	W34FV	Requests power reduction to 10kw/12m; granted & reduced. Requests further reduction to 1.9kw/29m, 32-01-22/82-24-28; granted & reduced. Requests site change to 1.9kw/22m, 31-45-53/82-13-38; granted & moved. See Hinesville.
Valdosta	23	W23FI	From W41EC, 15kw/17m; granted.
Valdosta	30	WVCZ-LD	Requests power increase to 5kw/59m, 30-50-11/83-19-43.

Location	*RF Ch*	*Callsign*	*Notes*
Young Harris	25	W25FP	Requests STA 2.5kw/697m; to operate temporarily at 50% power at request of tower owner.
Guam			
Agana	28	K28HS	Requests conversion to digital; granted.
Agana	30	K30HB	Requests conversion to digital; granted.
Agana	32	K32GB	Requests conversion to digital; granted.
Agana	36	K36GJ	Requests conversion to digital; granted.
Guerrero			
Chilpancingo	**15**	**XHCPCO**	**NS (SPR)**
Taxco	**2**	**XHCPBL**	**NS (SPR)**
Hawaii			
Hilo	17	K17OU	From K49MK, 1kw/760m, 19-46-50/155-05-18; granted.
Hilo	27	K27PB	From K47NM, 1kw/760m, 19-46-50/155-05-18; granted.
Milalani	**26**	**KAUI-LP**	**From 51, 4.58kw/577m, 21-23-34/158-05-48; to share on KWBN Honolulu & change city from Wailuku.**
Hidalgo			
Tulancingo	**10**	**XHCPCR**	**NS (SPR)**
Idaho			
Boise	35	KZAK-LD	Requests STA 15kw/468m; temporary antenna pending delivery of permanent unit.
Cambridge	11	K11PB	Requests power increase to 15 watts/-33m, 44-32-01/116-39-25; granted.
Idaho Falls	19	K19NA	From K48NZ, 5kw/12m, 43-36-45/112-05-01; granted.
Pocatello	16	K16NQ	From K45LL, 100 watts/250m; granted & on the air.
Pocatello	20	K47JK	Requests STA for this channel, 100 watts/250m; to operate on new channel at existing site at reduced power. Plans ATSC 3.0.
Illinois			
Chicago	**25**	**WTTW**	**Requests power increase to 300kw/465m. Withdrawn.**
Chicago	**25**	**WYCC**	**See sharing host WTTW.**
Jacksonville	29	W40CV	Granted STA for this channel.
Springfield	**15**	**WICS**	**Requests power reduction to 300kw/436m; granted.**
Springfield	**16**	**WRSP-TV**	**Requests power reduction to 310kw/436m; granted.**
Sugar Grove	27	W27EB	OFF June 2nd.
Indiana			
Auburn	*7*	*W07CL*	*Expires Aug. 1st , no renewal filed. See text.*
Lafayette	*51*	*W51DU*	*OFF May 12th pending move to digital ch. 29.*
Portland	29	W29EL	Requests power increase to 15kw/10m, 40-32-12/84-57-54; see Lima, Ohio. Granted & increased.
Salem	**16**	**WBKI**	**Power increased to 860kw/390m.**
Iowa			
Cedar Rapids	**32**	**KCRG-TV**	**Requests reassignment from 9, 1000kw/607m; granted. From 9; to implement permitted reassignment. Granted.**
Des Moines	26	KRPG-LP	License canceled June 14th; digital companion on ch. 24 remains valid.
Kansas			
Derby	**31**	**KDCU-DT**	**Requests power reduction to 100kw/345m.**

Location	*RF Ch*	*Callsign*	*Notes*
Kansas City	3	STA-761518	Requests STA, 5 watts/4m, 39-03-04/94-29-31; Live Sports Radio, Arrowhead Stadium, June 17th. Station is actually in Missouri. Granted.
Topeka	**12**	**KSQA**	**OFF May 4th, transmitter failure.**
Kentucky			
Lebanon	6	WDHC-LD	Requests power increase to 3kw/250m, 36-17-36/87-18-20; near Cumberland Furnace, Tenn. northwest of Nashville. Granted.
Louisville	15	WDYL-LD	Requests conversion to digital from analog ch. 28, 13.5kw/185m, 38-21-55/85-50-24. Granted & converted.
Martin	*45*	*WVVK-LP*	*Expires Aug. 1st , no renewal filed. See text.*
Owensboro	*12*	*W12BJ*	*Expires Aug. 1st , no renewal filed. See text.*
Paducah	18	WQWQ-LP	Returned to the air in digital on this channel June 18th, 3.7kw/51m.
Louisiana			
Alexandria	2	K02QB	License canceled June 8th.
Alexandria	25	K25PZ	Moved from K33MP, 15kw/439m, 31-02-16/92-29-45.
Hammond	*23*	*WSTY-LP*	*License canceled June 8th.*
Iowa	30	K30QV	From W24DX, 6kw/15m, 30-31-37/93-14-05; granted.
Lake Charles	*22*	*K22GT*	*License canceled June 8th.*
Monroe	12	K12XQ	From K41MJ, 3kw/30m; granted.
Shreveport	27	K27NA	From K42FE; granted.
Maine			
Etna	36	W45DV	From 45, 10kw/389m, 44-42-13/69-04-45.
Maryland			
Cambridge	22	WBOC-LD	Moved from 42.
Massachusetts			
Boston	26	W40BO	Converted to digital from analog ch. 40, 12kw/281m.
Springfield	29	WTXX-LD	From 34, 7.3kw/167m, 41-34-34/72-57-22; granted.
Winchendon	22	WVMA-CD	Power reduced to 4.45kw/-17m, 42-36-03/72-22-59. See WYCX-CD Manchester, Vt. at the same site.
Michigan			
Charles	28	W28EJ	Granted power increase to 15kw/186m, 46-03-36/84-05-57.
Charles	30	W30DQ	Granted power increase to 10kw/186m, 46-03-36/84-05-57.
Elmhurst	27	W27DQ	Granted power increase to 15kw/258m, 45-30-05/85-01-49.
Escanaba	40	W40AN	License canceled June 18th.
Flint	29	WXON-LP	Calls changed from W09CK.
Pinconning	22	WKNX-LP	Power increased to 300 watts/7m, 43-38-23/83-55-17.
Traverse City	19	W19FB	From W49EN, 15kw/96m; granted.
Vanderbilt	20	W20DT	Granted power increase to 15kw/264m, 45-10-12/84-45-04.
Vanderbilt	22	W22EL	Granted power increase to 15kw/277m, 45-10-12/84-45-04.
Michoacan			
Lázaro Cárdenas	**9**	**XHCPCU**	**NS (SPR)**
Minnesota			
Duluth	26	K26KF	Requests power increase to 5kw/209m.
Duluth	35	K35JN	Requests power increase to 5kw/209m; granted.
Minneapolis	19	KKTW-LD	Requests power increase to 8.75kw/107m, 44-59-44/93-26-57; granted.
St. Cloud	17	KMWE-LD	Calls changed from K17OJ.

Location	*RF Ch*	*Callsign*	*Notes*
Mississippi			
Auburn	6	W06DJ	From W47EQ, 3kw/20m; granted.
Columbus	25	WLMS-LD	Requests power reduction to 9kw/144m, 33-33-00/88-23-59. Calls changed from W25AD.
Jackson	6	WJMF-LP	Requests conversion to digital, 51 watts/97m; granted.
Natchez	6	W06DD	License canceled June 8th.
Natchez	*30*	*W30CC*	*License canceled June 8th.*
Purvis	30	W30EZ	From W49DY, 15kw/10m; granted.
Missouri			
Cape Girardeau	**32**	**KFVS-TV**	**From 11, 473kw/609m; to implement granted reassignment. Granted.**
Iberia	32	K27OS	From 27, 600 watts/53m, 38-04-44/92-17-45; from Rolla.
Joplin	24	KZLL-LD	Requests power increase to 5kw/180m. Site is in Tulsa, Okla. Granted & moved.
Montana			
Great Falls	25	K25LM	Requests power increase to 5kw/86m.
Great Falls	35	K35KC	Requests power increase to 5kw/86m.
Quartz Creek	36	K13MY	Application for digital companion channel, 431 watts/1010m.
Nayarit			
Nuevo Vallarta	**5**	**XHCPCV**	**NS (SPR)**
Nebraska			
Kearney	**18**	**KHGI-TV**	**From 13, 630kw/338m; granted.**
Nevada			
Golconda	22	K22NU	Moved from K51BW, 40 watts/463m, 41-09-18/117-28-17
Reno	4	KRMF-LD	OFF June 22nd pending transmitter repairs.
New Hampshire			
Berlin	27	W27BL	Requests conversion to digital; granted.
Littleton	25	WMUR-LD	Permit granted for new station, 15kw/370m, 44-21-11/71-44-15; Digital Companion Channel for analog ch. 29.
Westmoreland	6	W06DH	New station on the air, 425 watts/189m, 43-02-00/72-22-02. Requests power to 500 watts/48m, 42-50-28/71-51-04. (between Milford and Peterborough) Granted & increased.
Westmoreland	15	W15DV	Requests site change to 1kw/188m, 43-02-01/72-22-02; granted & on the air.
Westmoreland	27	W27ER	New station on the air, 1kw/191m, 43-01-00/72-22-02. Requests power reduction to 1kw/-20m, 42-36-03/72-22-59 (between Orange and Greenfield, Mass.) Granted & reduced.
Westmoreland	28	W28FA	New station on the air, 900 watts/191m, 43-01-00/72-22-02. Requests power reduction to 800 watts/48m, 42-50-28/71-51-04. (between Milford and Peterborough) Granted & reduced.
New Mexico			
Alamogordo	19	KVBA-LP	Requests conversion to digital, 7.5kw/401m.
Carlsbad	**25**	**KTEL-TV**	**Granted power reduction to 41kw/120m. STA for same facilities dismissed, no longer necessary.**
Dulce	26	K26EP	OFF July 13th pending conversion to digital.
Dulce	28	K28ER	Requests conversion to digital; granted.
Farmington	21	K21MV	Power reduced to 50 watts/78m.

Location	*RF Ch*	*Callsign*	*Notes*
Farmington	32	K32JT	Power reduced to 50 watts/78m. Requests increase to 5kw/127m; granted.
Fruitland	17	K17LP	New station on the air, 50 watts/78m, 36-41-46/108-13-15.
Hatch	14	K48OM	From 48.
High Rolls	17	KVBA-LD	License canceled June 22nd. Was Digital Companion Channel for Alamogordo analog ch. 19. The Alamogordo station will convert to digital on-channel.
Santa Fe	14	KAOE-LD	Requests power to 10kw/120m, 36-05-52/106-07-22; amendment to change site. Granted.
New York			
Auburn	32	WNDR-LD	From 31, 2kw/21m; amendment from 6kw. Granted.
Binghamton	*10*	*WBPN-LP*	Licenses canceled June 15th, both for ch. 10 analog & ch. 23 digital.
	23	WBPN-LD	
Ellenville	30	WYNB-LD	Returned to the air June 7th.
Glens Falls	28	WNYT-DRT	Granted modification of STA to specify 10kw/247m; to correct antenna height from 228m.
New York	23	WXNY-LD	From 32, 8.7kw/252m, 40-45-42/73-58-06. 58th & Lexington. (the Google Street View shows a COVID-19 testing tent) Amended to 8.3kw. Granted.
Olean	20	WWHC-LD	Granted power to 3kw/220m, 42-43-07/78-33-46.
Rochester	30	WAWW-LD	Granted digital conversion from analog ch. 20, 15kw/107m.
Westvale	6	WVOA-LP	Requests conversion to digital, 1.5kw/51m; granted.
Westvale	15	WVOA-LD	Permit for Digital Companion Channel canceled June 16th. Filed to flash-cut instead, see above.
White Lake	27	WYJH-LD	Granted power reduction to 3.4kw/89m, 41-40-24/73-49-26. OFF June 10th pending completion of new facilities.
North Carolina			
Biscoe	36	W36FB	From W30CR; granted.
Canton	**27**	**WUNW**	**Operating with antenna 33m lower than authorized since June 14th to allow construction of authorized Distributed Transmission System.**
Charlotte	25	WDMC-LD	Returned to full power June 11th.
Cherokee	10	W10AL	Returned to the air May 25th; installed filter to avoid interference from W31DH Franklin to off-air reception of primary station WYFF.
Ela	3	W03AK	Returned to the air May 25th; installed filter to avoid interference from W31DH Franklin to off-air reception of primary station WYFF.
Franklin	31	W31DH	Returned to full power May 27th, after determining filters allowed three WYFF-30 translators to return to the air without interference from W31DH.
Greenville	22	W22FC	Requests power reduction to 350 watts/19m, 35-35-05/77-14-54.
Jacksonville	33	WJGC-LD	Requests power increase to 15kw/135m, 35-24-09/77-25-10. Granted.
Sylva	4	W04DW	Returned to the air May 25th; installed filter to avoid interference from W31DH Franklin to off-air reception of primary station WYFF.
North Dakota			
Bismarck	15	K15MQ	Requests power reduction to 850 watts/18m, 46-48-20/100-47-06.
Grand Forks	31	K31MP	Requests power reduction to 300 watts/16m, 47-56-45/97-01-20; granted.
Oaxaca			
Huajuapan de León	28	XHCTHL	NS 2kw/-166m, 17-48-51/97-46-26

Location	*RF Ch*	*Callsign*	*Notes*
Ohio			
Canton	26	WEKA-LD	From 27; granted & moved.
Columbus	**14**	**WCMH-TV**	**Operating at approximately 70% power since June 7th, transmitter difficulties.**
Columbus	25	WCPX-LP	Requests STA 15kw/6m, 40-01-31/83-01-45; to resume operation temporarily at old site; granted. Returned to full power June 3rd.
Defiance	30	W30EX	Requests power increase to 15kw/11m, 41-11-41/84-25-52; see Lima. Granted & increased.
Findlay	32	WTLW-DRT	Application for new station, 15kw/88m, 40–55-59/83-22-49. Digital Replacement Translator for ch. 4 Lima.
Lima	29	W29EL	Requests power to 5kw/10m, 40-49-43/84-34-50. Granted & changed. Requests power increase to 10kw/12m, 40-32-12/84-57-54 (Bryant, Ind.) Granted & increased. See Portland, Ind.
Lima	30	W30EY	From W42EP, 5kw/10m, 40-49-43/84-34-50. Directional at 170°. Granted & moved. Requests power reduction to 4.4kw/11m, 41-11-41/84-25-52 (Hwy. 111 east of the Auglaize River) Granted & reduced. See New Bremen.
Lima	30	W30EX	From W49EM, 5kw/10m, 40-49-43/84-34-50. Directional at 30°. Granted & moved. Requests power increase to 10kw/15m, 40-26-15/84-22-00 (Across from New Bremen High School) Granted & increased. See Defiance.
Mansfield	20	WOHZ-CD	Requests power reduction to 4kw/16m, 40-49-12/81-45-14; granted. OFF May 26th pending construction of this facility. Requests power increase to 15kw/254m, 40-53-24/81-16-11; granted.
New Bremen	30	W30EY	Requests power increase to 15kw/15m, 40-26-15/84-22-00; see Lima. Granted & increased.
Toledo	6	WDMY-LP	Granted conversion to digital from analog ch. 38, 1.5kw/148m, 41-44-41/84-01-06
Toledo	22	WDTJ-LP	License canceled June 17th.
Toledo	*38*	*WDMY-LP*	*OFF. Filed petition to waive the off-over-a-year rule. New owners believe the station has been off since Dec. 28, 2016.*
Oklahoma			
Geronimo	21	K21PC	From K42LM, 15kw/13m, 34-26-55/98-24-32; granted.
Geronimo	30	K30QW	From K41NI, 5kw/13m, 34-26-55/98-24-32; granted.
Oklahoma City	22	KTOU-LD	Moved from 21, 15kw/145m.
Oregon			
Gold Beach	29	K29JN	OFF May 18th, cooling fan failure; returned to the air June 3rd.
Portland	29	KJYY-LD	From 26.
Warrenton	22	KHPN-LD	From 51, 15kw/366m, 46-17-09/123-53-54; granted.
Wedderburn	4	K04MG	OFF May 18th, cooling fan failure; returned to the air June 3rd.
Williams	14	K14TH	From K04JP, 25 watts/161m, 42-09-59/123-17-57; granted.
Pennsylvania			
Barnesboro	22	W22FJ	Power reduced to 1kw/-81m, 40-41-35/78-48-11.
DuBois	16	W16EJ	Requests power increase to 15kw/262m, 40-18-56/76-57-08; granted.
DuBois	17	W17DU	See State College.
DuBois	22	W22FJ	Granted power to 1kw/-81m, 40-41-35/78-48-11.

Location	*RF Ch*	*Callsign*	*Notes*
Johnstown	33	WJAC-DRT	New station on the air, 7kw/220m, 40-34-09/78-26-26 (Wopsononock Lookout)
Harrisburg	21	WHLZ-LD	License canceled June 8th.
Kingston	30	W43CO	Moved from 43.
Lewisburg	17	W17DU	Requests power reduction to 500 watts/261m, 40-56-29/76-49-12; city from Millersburg
Lewisburg	31	W31FC	Requests power reduction to 500 watts/261m, 40-56-29/76-49-12; city from Williamsport. Requests power reduction to 500 watts/261m, 40-56-29/76-49-12; granted & reduced. Requests power increase to 4kw/162m, 40-33-02/77-00-53; granted & increased. Requests power reduction to 1kw/195m, 40–18-56/76-57-08.
Mansfield	31	W31FC	From W38FM, 1kw/-112m, 41-48-11/77-05-04; from Lindley, N.Y. Granted. Requests further change to 1kw/158m, 41-47-13/77-06-42; granted & changed. Requests further increase to 500 watts/356m, 41-12-35/76-57-26; granted & increased.
Mansfield	31	W31FC	Requests power to 1kw/158m, 41-37-13/77-06-42.
Millersburg	17	W17DU	Power changed to 2kw/164m, 40-33-02/77-00-53; CL from Tuscarora. Power reduced to 500 watts/259m, 40-56-29/76-49-12. Requests power increase to 1kw/246m, 41-05-45/76-20-23; granted.
Philadelphia	29	WELL-LD	Moved from 30, 15kw/241m, 40-02-30/75-14-10.
Philadelphia	**31**	**WTXF-TV**	**Moved from 42, 419kw/163m (aux)**
Scranton	32	W32FP	Requests power to 2.5kw/141m, 41-51-49/75-48-35. Granted.
State College	17	W17DU	Granted power reduction to 1kw/326m, 40-45-08/77-45-16; reduced. City changed from DuBois. Requests increase to 1kw/385m, 40-28-40/77-23-07; granted.
Tuscarora	17	W17DU	Power reduced to 1kw/385m, 40-28-40/77-23-07; CL from State College. Requests power increase to 2kw/164m, 40-33-02/77-00-53; granted.
Williamsport	31	W31FC	Power reduced to 500 watts/356m, 41-12-35/76-57-26; city from Mansfield.
Puerto Rico			
Anasco	34	W34FK	From W33CY, 3kw/612m, 18-08-52/66-59-00; granted & moved.
Ceiba	18	W18DZ	Granted power reduction to 3kw/208m, 18-16-43/65-40-12.
Cidra	16	W16EG	Granted power increase to 15kw/748m, 18-09-07/66-33-13.
Mayaguez	22	W22FA	From W32DZ, 3kw/622m, 18-08-52/66-59-00; granted & moved. See Anasco.
Québec			
Baie-Saint-Paul	36	CKRT-DT-1	License canceled Aug. 31st. See text.
Cabano	21	CKRT-DT-4	License canceled Aug. 31st. See text.
Dégelis	25	CKRT-DT-2	License canceled Aug. 31st. See text.
Riviére-du-Loup	**7**	**CKRT-DT**	**License canceled Aug. 31st. See text.**
Riviére-du-Loup	13	CKRT-DT-3	License canceled Aug. 31st. See text.
Saint-Urbain	35	CKRT-DT-5	License canceled Aug. 31st. See text.
Trois-Pistoles	19	CKRT-DT-6	License canceled Aug. 31st. See text.

Location	*RF Ch*	*Callsign*	*Notes*
San Luis Obispo			
Cd. Valles	**12**	**XHCPCX**	**NS (SPR)**
Sinaloa			
Culiacán	**19**	**XHCPBU**	**NS (SPR)**
Los Mochis	**34**	**XHCPBV**	**NS (SPR)**
Sonora			
Guaymas	**12**	**XHCPDA**	**NS (SPR)**
South Carolina			
Columbia	16	WKDC-LD	Moved from 50, 15kw/156m, 34-07-10/81-03-15.
South Dakota			
Mitchell	**26**	**KDLV-TV**	**Requests STA 500kw/315m; to operate at reduced power pending transmitter repairs. Granted.**
Tamaulipas			
Cd. Victoria	**10**	**XHCPBD**	**NS (SPR)**
Reynosa	**7**	**XHCPCE**	**NS (SPR)**
Tennessee			
Algood	14	W14EE	Requests power increase to 15kw/94m; granted & increased.
Algood	15	W15ER	Requests power increase to 15kw/94m; granted & increased. See Gordonsville.
Algood	29	W29FR	From W30DP, 15kw/94m; granted & moved. See Gordonsville.
Algood	35	W35DZ	Requests power increase to 15kw/94m; granted & increased. See Crossville.
Chattanooga	26	W26ET	From W18DS, 5kw/258m, 35-12-36/85-16-42; granted.
Crossville	35	W35DZ	Requests power reduction to 1.9kw/30m, 36-06-17/84-54-34; see Algood. Granted.
Gordonsville	15	W15ER	Requests power to 15kw/-38m, 36-10-23/85-55-14; see Algood. Granted.
Gordonsville	29	W29FR	Requests power to 15kw/-38m, 36-10-23/85-55-14; see Algood. Granted.
Lewisburg	*34*	*W34DB*	*Expires Aug. 1st , no renewal filed. See text.*
Memphis	6	WPGF-LP	Requests conversion to digital, 3kw/241m. Granted.
Memphis	15	WWWN-LP	License canceled June 21st.
Memphis	17	WPGF-LP	License canceled June 21st.
Murfreesboro	11	WETV-CD	Expires Aug. 1st , no renewal filed. See text.
Nashville	31	WWHL-LD	We predicted further moves last month and here they are(grin) Requests power increase to 1.8kw/129m, 36-00-17/86-50-02. Holly Tree Gap Road, Brentwood. This site should have some coverage within the Nashville city limits. OFF May 24th, lost site. (presumably the old one near Columbia)
Spring Hill	9	W09DM	From W36EW, 2kw/4m, 35-42-00/88-32-23; granted & moved. (Hwy. 412 between Jackson & Lexington)
Spring Hill	14	W14EJ	Requests power increase to 15kw/4m, 35-42-00/88-32-23. See W09DM. Granted & moved.
Texas			
Abilene	10	K10QL	Requests power increase to 300 watts/77m; granted.
Amarillo	**20**	**KVII-TV**	**Granted reassignment from ch. 7, 1000kw/519m. Requests channel change to implement reassignment.**
Arlington	6	KBFW-LD	Application for Special Temporary Authority to leave analog FM

Location	*RF Ch*	*Callsign*	*Notes*
			carrier on the air while converting to ATSC 3.0. See KFLZ-LD San Antonio.
Beaumont	22	KUMY-LD	Requests power increase to 15kw/67m; granted.
College Station	36	K36LD	Requests power to 15kw/78m, 30-39-13/96-22-44. Granted.
Corpus Christi	**26**	**KRIS-TV**	**From 13, 1000kw/295m; granted.**
Fredericksburg	**8**	**KCWX**	**Proposes reassignment from ch. 5, 17kw/412m, 30-08-14/98-36-36.**
Houston	**19**	**KTXH**	**Requests power increase to 1000kw/598m; granted.**
Houston	**26**	**KRIV**	**Requests power increase to 1000kw/598m; granted.**
Huntsville	7	KHXL-LP	License canceled June 17th, but requests conversion to digital, 2.4kw/155m; granted.
Jolly	26	K26PS	From K50NF, 2kw/26m; granted.
Lubbock	**36**	**KCBD**	**From ch. 11, 1000kw/282m, 33-30-08/101-52-21; requests CP to support reassignment. Granted.**
Lufkin	*2*	*KNCD-LD*	*License canceled June 17th.*
Lufkin	*5*	*KLUF-LD*	*License canceled June 17th.*
Lufkin	27	KLUF-LP	Application for new station, 1kw/139m, 31-20-21/94-41-11; DCC for analog ch. 5 which appears to have been canceled? Granted.
McAllen	27	KRZG-CD	Requests STA 4.9kw/93m pending antenna repairs; granted.
Nacogdoches	23	KNCD-LP	Application for new station, 5kw/97m, 31-20-21/94-41-11; DCC for analog ch. 2 Lufkin which appears to have been canceled? Granted.
Port Arthur	33	K33QK	Requests power to 15kw/130m, 29-58-36/93-56-03; granted.
San Angelo	22	KTXE-LD	From 38, 15kw/107m; granted.
San Antonio	6	KFLZ-LD	Requests STA to leave analog audio carrier on the air ("FrankenFM") after converting to ATSC 3.0 digital. Unlike KBKF in California, KFLZ proposes to operate the FM signal at 87.7 MHz.
Victoria	3	K03JE	From K44LV, 3kw/24m, 28-58-28/97-04-53
Victoria	4	K04SD	From K50NC, 3kw/24m, 28-58-28/97-04-53.
Utah			
Delta	7	K07AAC	License canceled June 7th
Delta	8	K08QI	License canceled June 7th
Delta	9	K09ZZ	License canceled June 7th
Delta	31	K31OJ	Moved from K44IZ.
Delta	*39*	*K39FR*	*License canceled June 7th*
Delta	*43*	*K43GN*	*License canceled June 7th*
Delta	*51*	*K51GG*	*License canceled June 7th*
Logan	13	KUTA-LD	Requests power increase to 1kw/-16m, 41-09-57/112-00-55; granted.
Provo	16	K43JV	Requests STA for this channel, 100 watts/801m; to operate on new channel at existing site at reduced power. Plans ATSC 3.0.
Wendover	3	K03JD	From K47OG, 3kw/17m; granted.
Wendover	8	K08QM	From K44LW, 3kw/17m; granted.
Veracruz			
Poza Rica	**15**	**XHCPDC**	**NS (SPR)**
San Andrés Tuxtla	**19**	**XHCPDD**	**NS (SPR)**
Vermont			
Manchester	2	WYCX-CD	Power reduced to 300 watts/-21m, 42-36-03/72-22-59; see WVMA-CD Winchendon, Mass. at the same site.
Virginia			
Fairfax	6	WDCN-LP	Requests STA to continue in analog pending FCC action on request

Location	*RF Ch*	*Callsign*	*Notes*
			to leave the analog aural carrier on the air after converting the video to digital. Requests power increase to 3kw/189m, 38-52-28/77-13-24. Granted.
Staunton	**15**	**WVPT**	**Requests reassignment from ch. 11, 253kw/680m.**
Vienna	20	WAZT-CD	OFF May 25th pending construction of CP. Returned to the air June 11th, 15kw/86m, 39-02-30/77-35-44; city from Woodstock.
Yorktown	36	WYSJ-CD	Power increased to 6.65kw/91m.
Washington			
Ellisford	*35*	*K35BJ*	*License canceled June 15th.*
West Virginia			
Clarksburg	22	W22CY	Power reduced to 3.5kw/78m, 39-18-02/80-20-36.
Clarksburg	25	W25FR	From W42EO, 500 watts/119m; granted.
Roanoke	14	W14EX	From ??, 15kw/108m, 38-57-40/80-31-44.
Roanoke	28	W28FC	From ??, 4kw/108m, 38-57-40/80-31-44.
Sutton	18	W18FB	From W42EN, 15kw/106m; granted.
Wisconsin			
Eagle River	**28**	**WYOW**	**Power increased to 80kw/163m.**
Eau Claire	14	WECX-LD	Calls changed from W14ER.
Green Bay	**18**	**WLUK-TV**	**From 12, 500kw/384m; to implement granted reassignment. Granted.**
Madison	15	WMWD-LD	Moved from 38.
Milwaukee	10	WMVS-DRT	Moved from 36, 590 watts/338m.
Wyoming			
Casper	16	K16JI	Returned to the air April 19th.
Cheyenne	26	K26KR	Requests power reduction to 300 watts/46m, 41-03-01/104-53-34. Granted.
Mountain View	16	K11DN	Moved from 11, 300 watts/283m, 41-06-19/110-12-39

As always, thanks to Raymie Humbert for information from Mexico.

SPR is the Mexican public broadcasting authority. (Sistema Público de Radiodifusión del Estado Mexicano) The subchannel lineups vary but I believe the list for these transmitters is:

- 11.1 Canal Once
- 14.1 Canal Catorce
- 14.2 Ingenio TV
- 20.1 TV UNAM (Universidad Nacional Autónoma de México)
- 22.1 Canal 22
- 45.1 Canal del Congreso (“Mexican C-SPAN”)

Technical facilities for these are not yet known. I’m marking them as “full power” but some (or all) may not be.

OPTIMISM

I think the owners of WDMY-LP in Toledo are being optimistic, when they ask the FCC to waive the off-over-a-year rule. They believe the station has been off for 4-1/2 years. They argue it’s a result of the repack. Some stations have successfully made that argument, but over silent periods exceeding a

year by weeks, not years. But these days, you never know!

(Indeed, the Commission promptly granted their request & a permit to convert to digital on ch. 6.)

PESSIMISM

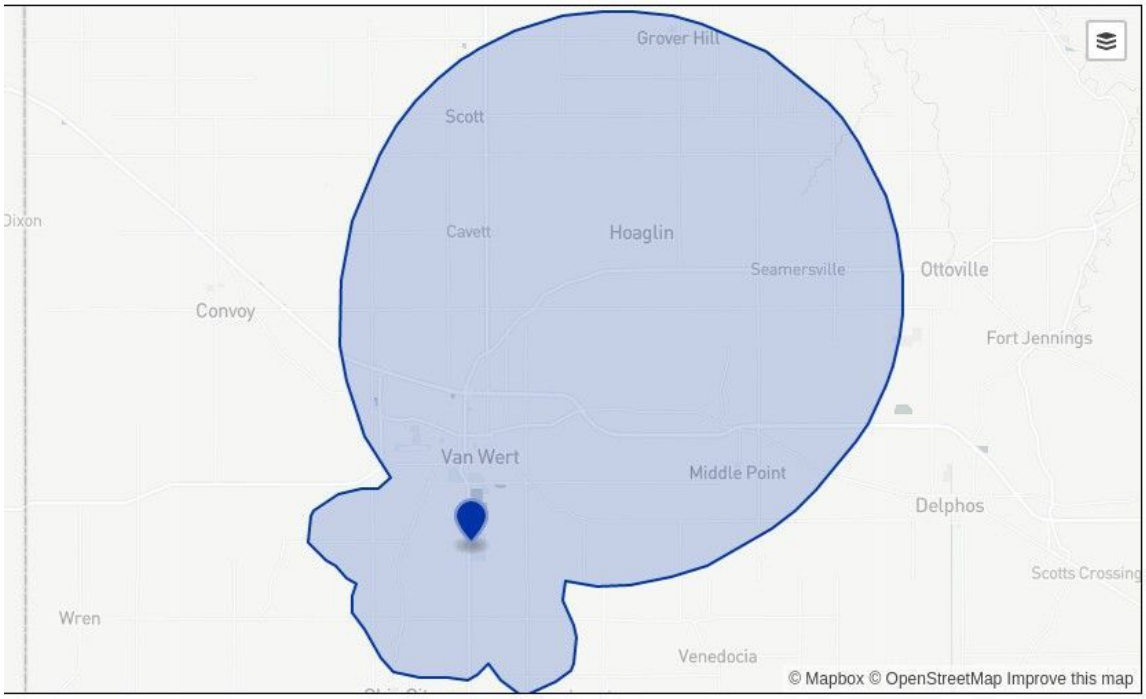
TV licenses in Indiana, Kentucky, and Tennessee expire on August 1st. Renewal applications are due four months in advance – in this case on April 1st. Five stations failed to file. Filing a renewal application during July will (probably) save their licenses but with at least an admonishment if not a fine.

Three of the five do not have a digital authorization and will be required to shut down on July 13th. (but could presumably return to the air at a future date if they file a digital application by the 13th and a license renewal by the end of the month) WVVK-LP has a permit to convert to digital on channel 26, and WETV is operating in digital on channel 11.

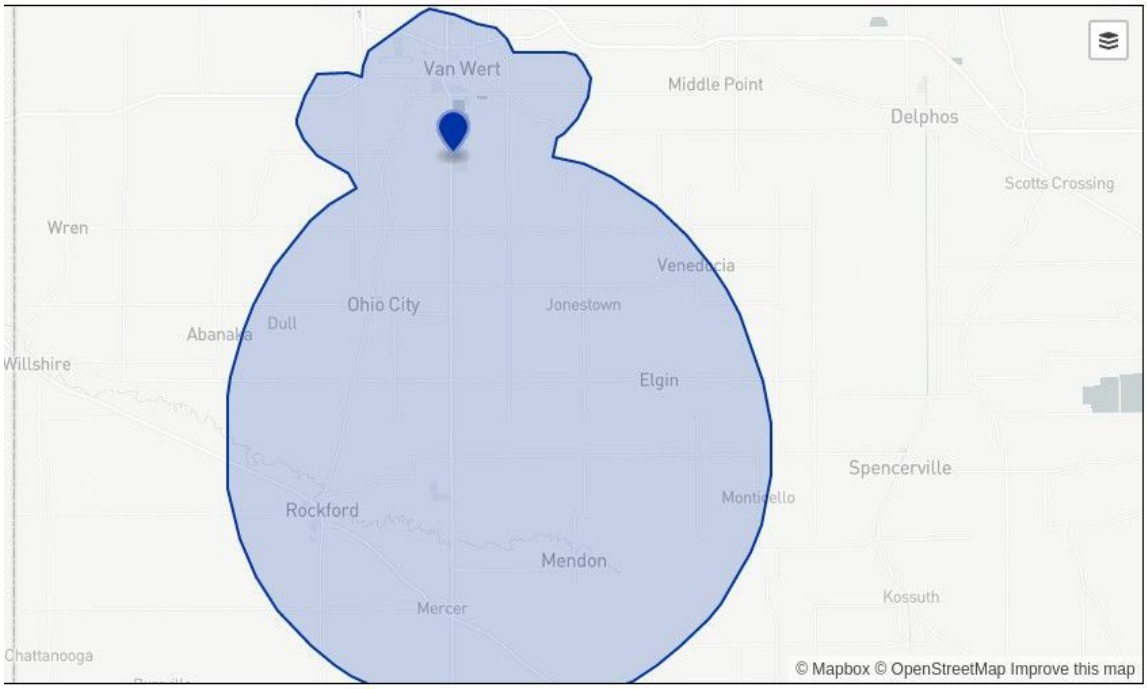
TWO STATIONS SAME CHANNEL SAME TOWER

I haven't seen an operation like this in a long time… Note two new stations operating on channel 30 at Lima, Ohio. Both are operating from the same site. Different directional patterns are used. I've seen previous operations like this where the different patterns operated on *different* channels – and indeed, there's a third pattern at this site operating on channel 29.

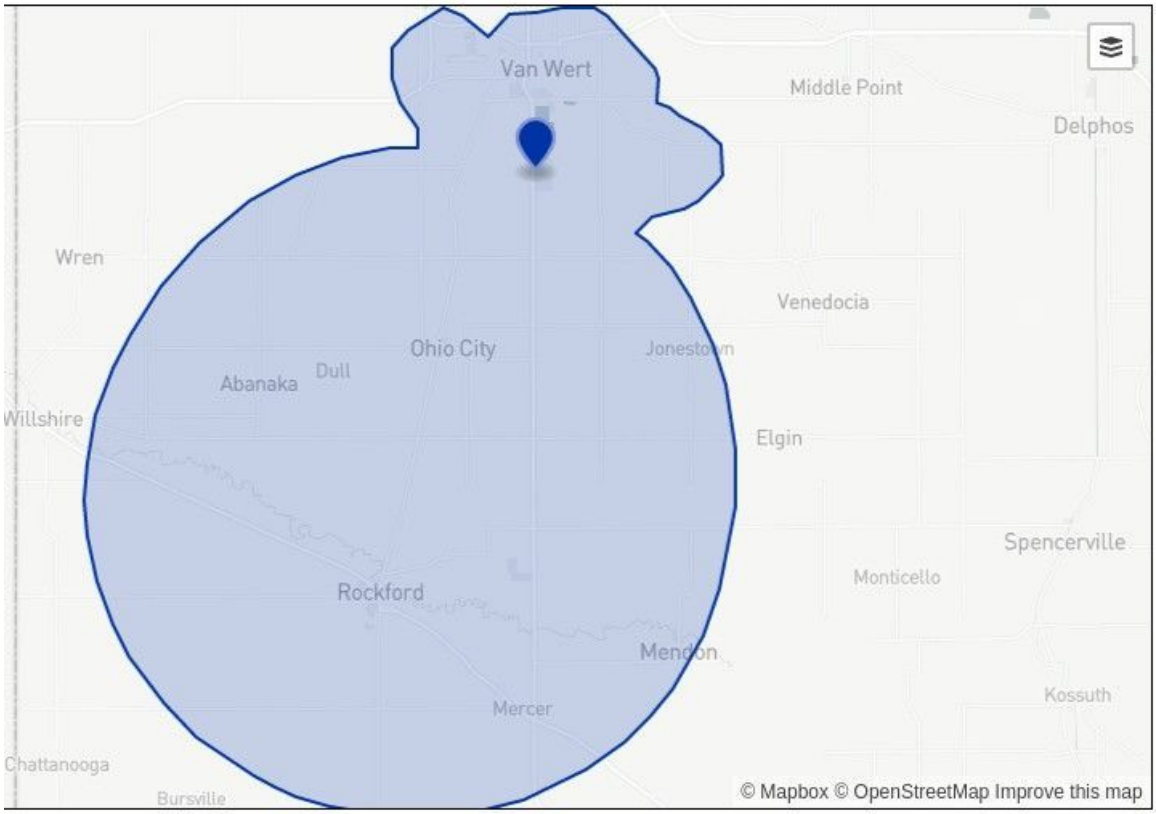
W30EX:



W30EY:



W29EL:



Note that, while all three stations are licensed to Lima, none of them reach Lima! – Lima is roughly ten miles off the right side of the map...

They didn't stay long. All three stations have filed to move to new sites. (three different sites...)

TO DTV OR NOT TO DTV

A month (and two days) before the final deadline for analog LPTV, the FCC has released a list of LPTV stations that do not yet have a digital permit. These stations have been urged to immediately file for one – or their analog licenses will be automatically canceled on July 13th. All digital permits issued to stations currently operating in analog will expire on that date as well. Stations which cannot complete their digital facilities by then must file for an extension – and then go dark on the 13th, until digital facilities are complete.

The list of not-ready-for-digital LPTVs appears elsewhere in this *VUD*. It is based on official FCC data as of June 9th; notes are based on my own observations past that date.

Fifteen stations in Alaska have been granted permission to remain in analog until Jan. 10th, 2022. The State of Alaska cannot complete digital conversion on time. The FCC has traditionally waived certain rules for stations in rural Alaska. These areas are sparsely populated; difficult to reach; have difficult construction conditions and short construction seasons; and are far enough from population centers that failure to strictly comply with lower-48 technical standards won't interfere with anything.

The survivors are:
K04LJ Atka
K11SD Eek
K03GL King Mountain
K07TH Lime Village
K13SV Pedro Bay
K13SA Port Heiden
K09RE St. George
K07RK St. Marys
K09QX St. Michael
K09RB St. Paul
K13SM Slana
K04LE Stebbins
K04KV Unalaska
K13TD White Mountain
K07ST Womens Bay

FRANKENFM SURVIVAL? PART 2

Last month, we reported KBKF-LD San Jose, like several other stations on channel 6, requested permission to leave their analog aural carrier in operation while converting the video signal to digital. This doesn't work in ATSC 1.0. (and the FCC has not granted anyone's request) The ATSC 1.0 digital signal occupies the entire 6MHz channel. You could potentially notch out enough of the video signal at the top to fit in analog audio – but then, no ATSC 1.0 receiver could decode the video.

ATSC 3.0 is different. KBKF believes they can notch out 491KHz at the top of the channel & fit in an aural signal *without precluding decoding of the ATSC 3.0 digital signal*.

FCC staff seems leery but not entirely unwilling to entertain this experiment. Last month, I reported it was unlikely KBKF's application would be granted – but I was wrong. They will be allowed to try it, with seven conditions:

1) **The aural signal must be broadcast on 87.75MHz**. Arguably, the loophole in the analog regulations that allowed "FrankenFM" operation allowed use of any frequency between 82.1 and 87.9MHz for the aural signal. That will not be the case for KBKF.
2) **The STA may be modified or terminated if interference is caused**; any of the other six

conditions are violated; or for any other reason.

3) **The audio and video signals must reach similar populations.** The same loophole that allowed analog operation anywhere between 82.1 and 87.9MHz arguably also permitted operating the aural transmitter at any power level up to that equal with the video transmitter. (the aural transmitters of analog full-power stations were limited to 22% of video power) Arguably this condition would limit the power of the analog audio signal. Although, if a sufficiently robust Physical Layer Pipe (PLP) were configured for the ATSC 3.0 signal, the digital coverage could possibly compare well to the audio.
4) **A report must be submitted in 90 days**, and again in 180 days, detailing any reports of interference to other stations. It must also report any interference that the analog audio causes to KBKF's own digital signal; and it must demonstrate compliance with condition #3 above.
5) **KBKF must provide at least one stream of synchronized video/audio programming** on the digital signal on a 24/7 fulltime basis.
6) During the STA, **KBKF's technical facilities may not be modified**.
7) During the STA, **the license may not be sold**.

It will be interesting to see what happens here. If this works, one might expect most other channel 6 LPTVs to opt to convert to ATSC 3.0 in order to continue operating at FrankenFMs. I would *not* expect to see full-power stations do this. I think condition #1, requiring operation on 87.75MHz, will limit the utility of the analog audio side of this operation. Most FM radios tune to 87.9MHz and some to 87.7. (and even 87.5) However, almost none tune to 87.75. Most will provide intelligible reception of this off-frequency signal but some distortion is likely.

As of deadline, two other (commonly-owned) channel 6 LPTVs have requested similar STAs. Neither application includes the seven conditions, but one might expect the Commission to impose them. Both requests specify 87.7MHz (not 87.75) but again, one might expect the Commission to require 87.75.

FRANKENFM SURVIVAL PART 3

On a related note, I received an email from Jampro, a manufacturer of broadcast antennas. The email was advertising a product called the "Sidekick". It's a combiner that allows connecting an ATSC 3.0 TV transmitter on channel 6, and an FM radio transmitter on 87.7MHz, to the same antenna without interaction. This device is specifically marketed towards the type of operation KBKF plans.

DISAPPEARING QUÉBÉCOIS

CKRT-DT and its relays have requested revocation of their licences effective August 31st. On that date their Radio-Canada ("French CBC") affiliations will expire. The same company owns stations affiliated with the two private French-language networks TVA (CIMT-TV ch. 9) and Noovo. (CFTF-TV ch. 29) With no other networks to choose from, they have elected to close CKRT.

BAJA Ensenada	14	XHCPAH	NS (SPR)
BAJA Mexicali	7	XHCPAO	
BAJA Tijuana	9	XHCPAT	
BAJAS Los Cabos	15	XHCPCL	
COAH Saltillo	10	XHCPAY	
CHIH Cd. Delicias	17	XHCPAW	
CHIH Chihuahua	8	XHCPAU	
CHIH Cd. Cuauhtémoc	18	XHCPAV	
CHIH Cd. Juárez	8	XHCPCN	

Continued on page 35

Analog LPTVs remaining in June 2021

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On July 13th, all analog LPTV and translator licenses will be canceled. A bit more than a month in advance, the FCC released a list of stations likely to be affected. I reproduce that list below.

Stations highlighted in the list may not, in fact, disappear.

Most have Digital Companion Channels. (DCC) A DCC is in fact a separate license. So, for example, if K15BZ's DCC is granted, the K15BZ license will indeed be canceled – but the new channel 34 station will carry the same programming, in digital mode. There are more Digital Companion Channels than listed below. It's relatively easy to locate a DCC application for an all-letters callsign like KNIK-LP. The callsign will be the same as the analog facility. That's not the case for number-letter calls like K13SH. The DCC callsign will be different, making the DCC difficult to locate.

APP DTV or CP DTV means the station has applied for (or received a permit for) conversion to digital on either the same channel (see K10MB) or a different channel. (see K10OB) In these cases there is only one license.

Callsign	Ch	City	St	Licensee
K13SH	13	ADAK	AK	
K12NS	12	AKIAK	AK	
K02KB	02	ALLAKAKET	AK	
KNIK-LP	06	ANCHORAGE	AK	CP DCC 3 expired 1/12/2010
K02JI	02	ANGOON	AK	
K09QF	09	ANGOON	AK	
K04KS	04	BARROW	AK	
K09TE	09	BETTLES	AK	
K09SI	09	CANTWELL	AK	
K13SD	13	CAPE POLE	AK	
K02KX	02	CHEVAK	AK	
K10MT	10	CHICKALOON	AK	
K07QZ	07	CHISTOCHINA	AK	
K09PX	09	CHISTOCHINA	AK	
K13SB	13	CHITINA	AK	
K13SI	13	CIRCLE	AK	
K06LP	06	CIRCLE HOT SPRINGS	AK	
K15AK	15	CORDOVA	AK	
K04LT	04	DEERING	AK	
K10OB	10	DELTA JUNCTION	AK	APP DTV 31 dismissed 5/1/2015; license canceled June 25th.
K13KU	13	DELTA JUNCTION	AK	
K05KF	05	DILLINGHAM	AK	
K13UX	13	DIOMEDE	AK	

Callsign	Ch	City	St	Licensee
K13RM	13	DOT LAKE	AK	
K13OC	13	DOUGLAS, ETC.	AK	
K05IJ	05	EAGLE VILLAGE	AK	
K07OP	07	EMMONAK	AK	
K43AK	43	ENGLISH BAY	AK	
K10MB	10	GIRDWOOD	AK	CP DTV 10 expired 9/1/2015; license canceled June 22nd.
K13UB	13	GLENNALLEN & COPPER	AK	
K02LW	02	GUSTAVUS	AK	
K07RF	07	HAINES	AK	
K09PD	09	HAINES	AK	
K12NW	12	HALIBUT COVE	AK	
K13TT	13	HOBART BAY	AK	
K08KP	08	HOLLIS	AK	
K04MO	04	HOONAH	AK	
K09QI	09	HYDABURG	AK	
K09SN	09	IVANOF BAY	AK	
K12NR	12	KAKE	AK	
K04IU	04	KAKTOVIK	AK	
K13SG	13	KASAAN	AK	
KCBJ-LP	15	KETCHIKAN	AK	
K04KN	04	KING SALMON	AK	
K04KQ	04	KLUKWAN	AK	
K17GQ	17	KODIAK	AK	
KUBD-LP	11	KODIAK	AK	
K13UE	13	KOTZEBUE	AK	APP DTV 13 dismissed 1/17/2018
K13TQ	13	KOYUKUK	AK	
K11RJ	11	LAKE LOUISE, ETC.	AK	
K02MN	02	LEVELOCK	AK	
K09TQ	09	MANOKOTAK	AK	
K02JE	02	MCGRATH	AK	
K07TJ	07	MCGRATH	AK	
K10MI	10	MCKINLEY PARK	AK	
K09QJ	09	MENTASTA LAKE	AK	
K09TI	09	MEYERS CHUCK	AK	
K13UM	13	MOSQUITO LAKE	AK	
K13TS	13	NAUKATI BAY	AK	
K04MB	04	NIKOLAI	AK	
K09PR	09	NIKOLAI	AK	
K09RK	09	NIKOLSKI	AK	
K11QV	11	PAXSON	AK	
K09OU	09	PETERSBURG	AK	
K21CK	21	PETERSBURG	AK	
K13UJ	13	PLATINUM	AK	APP DTV 13 dismissed 1/17/2018
K07SO	07	PORT MOLLER	AK	
K13TV	13	PORT PROTECTION	AK	
K13KY	13	PORTAGE CREEK	AK	
K09RD	09	RAMPART	AK	

Callsign	Ch	City	St	Licensee
K04HV	04	SAND POINT	AK	
K07SR	07	SCAMMON BAY	AK	APP DTV 7 dismissed 1/17/2018
K03FO	03	SEWARD	AK	
K12NO	12	SHEEP MOUNTAIN	AK	
K08KY	**08**	**SITKA**	**AK**	**APP DCC 9 filed 6/11/2021; granted 6/14/2021 as K09AAD.**
K13QQ	13	SKAGWAY	AK	
K04KX	04	SLANA	AK	
K04HM	04	ST. PAUL ISLAND	AK	
K11RV	11	TELIDA	AK	
K11RC	11	THORNE BAY	AK	
K16AF	16	TRAPPER CREEK	AK	
K13TC	13	TUNTUTULIAK	AK	
K04JW	04	UNALAKLEET	AK	
K02HO	02	UNALASKA, ETC.	AK	
K13MZ	13	USIBELLI	AK	
K15AI	15	VALDEZ	AK	
K13TA	13	WISEMAN	AK	
K02ME	02	WOMENS BAY	AK	
K15AJ	15	WRANGELL	AK	AF DTV 15 dismissed 1/17/2018
K21AF	21	WRANGELL	AK	
K02ID	02	YAKUTAT	AK	
K09UA	09	YAKUTAT	AK	AP DTV 9 dismissed 1/17/2018
W15AZ	15	ALABASTER	AL	
W46CF	46	TUSCUMBIA	AL	
KTEQ-LP	11	FULTON	AR	
K10IN	10	CHINLE	AZ	
K17CM	17	DUNCAN, ETC.	AZ	
K35FH	35	FLAGSTAFF	AZ	CP DTV 35 expired 6/19/2009
K25AL	25	LAKE HAVASU CITY	AZ	CP DTV 25 expired 10/19/2010
KCOS-LP	28	PHOENIX	AZ	APP DTV 28 dismissed 2/13/2018
K20IA	20	PRESCOTT	AZ	
KWKM-LP	10	SHOW LOW	AZ	CP DTV 13 expired 1/12/2011
KWSJ-LP	12	SNOWFLAKE	AZ	CP DTV 9 expired 7/12/2011
KYPO-LP	27	TACNA	AZ	APP DTV 5 dismissed 5/4/2016, not displaced.
K28FM	28	YUMA	AZ	
K36BT	36	BLUE LAKE	CA	
K24FA	24	BLYTHE	CA	
K26FS	26	BLYTHE	CA	
K29EC	29	BLYTHE	CA	
K31FE	31	BLYTHE	CA	
K33FD	33	BLYTHE	CA	
K07ZF	07	CALEXICO	CA	
K15BZ	**15**	**DAGGETT**	**CA**	**AF DCC 34 filed 5/27/2021**
KUVU-LP	09	EUREKA	CA	CP DTV 9 expired 4/16/2010
K14JT	14	JOSHUA TREE, ETC.	CA	
KJIV-LP	06	LAKE CITY, ETC.	CA	(channel not certain)
K02FF	02	LAKEHEAD	CA	

Callsign	Ch	City	St	Licensee
KSRW-LP	33	MAMMOTH LAKES, ETC.	CA	
K44DN	44	PASO ROBLES	CA	
K33HH	33	REDDING	CA	APP DTV 25 dismissed 5/18/2016, not displaced.
K02HY	02	RIDGECREST, ETC.	CA	
K04HX	04	RIDGECREST, ETC.	CA	
K05FO	05	RIDGECREST, ETC.	CA	
K07NH	07	RIDGECREST, ETC.	CA	
K09MG	**09**	**RIDGECREST, ETC.**	**CA**	**CP DCC K16JW 9/22/2011**
K11ML	**11**	**RIDGECREST, ETC.**	**CA**	**CP DCC K20LH 9/22/2011**
K13NF	**13**	**RIDGECREST, ETC.**	**CA**	**CP DCC K31MB 9/22/2011**
K29DF	29	UKIAH	CA	
KCIO-LP	**06**	**VICTORVILLE**	**CA**	**LIC DCC 30 valid until 12/1/2022**
KCXP-LP	40	ASPEN	CO	CP DTV 40 expired 1/12/2008
K02OP	02	COLLBRAN	CO	CP DTV 2 canceled 5/11/2012
K04OM	04	COLLBRAN	CO	CP DTV 4 canceled 5/11/2012
K06KJ	06	COLLBRAN	CO	CP DTV 6 canceled 5/11/2012
K27CB	27	FRASER, ETC.	CO	
K30CR	30	FRASER, ETC.	CO	
K33BV	33	FRASER, ETC.	CO	
K36BR	36	FRASER, ETC.	CO	
K39BT	39	FRASER, ETC.	CO	
K03AO	03	MANITOU SPRINGS	CO	
K06BI	06	MANITOU SPRINGS	CO	
K09LH	09	MANITOU SPRINGS	CO	
K12OR	12	MESA	CO	
KRYD-LP	10	VAIL	CO	
K02ET	02	VALLECITO	CO	
W28AJ	28	ALLINGTOWN	CT	
WLWP-LP	04	MILLSBORO, ETC.	DE	
WGZT-LP	27	KEY WEST	FL	CP DCC 50 expired 8/25/2011
W23AQ	23	LAKE CITY	FL	CP DTV 23 expired 6/16/2009
WXDT-LP	23	NAPLES	FL	
W26BV	26	PANAMA CITY	FL	
WHDY-LP	06	PANAMA CITY	FL	
WYMI-LP	28	SUMMERLAND KEY	FL	CP DCC 21 expired 8/13/2010; AF DTV 28 dismissed 9/17/2010
WDDA-LP	06	DALTON	GA	CP DCC 24 expired 9/1/2015
W45CU	45	WAYCROSS	GA	CP DTV 45 canceled 7/14/2011
K28HS	**28**	**AGANA**	**GU**	**CP DTV 28 granted 6/11/2021**
K30HB	**30**	**AGANA**	**GU**	**CP DTV 30 granted 6/11/2021**
K32GB	**32**	**AGANA**	**GU**	**CP DTV 32 granted 6/11/2021**
K36GJ	**36**	**AGANA**	**GU**	**CP DTV 36 granted 6/11/2021**
K38HU	38	KAILUA-KONA	HI	
KAUI-LP	51	MILILANI	HI	CP DCC 47 expired 7/12/2010; CP DTV 30 expired 9/1/2015
KRPG-LP	**26**	**DES MOINES**	**IA**	**LIC DCC 24 valid until 2/1/2022; analog signal canceled 6/14/2021.**
K11CR	11	FERDINAND	ID	
K04EN	04	GLENNS FERRY	ID	

Callsign	Ch	City	St	Licensee
K11BC	11	GRACE, ETC.	ID	
WRDH-LP	07	ASHTON	IL	
W07CL	07	AUBURN	IN	
K50JG	50	INDEPENDENCE	KS	
K31BW	31	MANHATTAN	KS	CP DTV canceled 1/27/2012
KQKC-LP	32	TOPEKA	KS	
WESL-LP	02	JAMESTOWN	KY	
W12BJ	12	OWENSBORO	KY	
KPBN-LP	**11**	**BATON ROUGE**	**LA**	**AF DTV 11 dismissed 6/14/2006; LIC DCC 14 valid until 6/1/2021 & renewal filed**
KXKW-LP	**06**	**LAFAYETTE**	**LA**	**CP DCC 30 valid until 10/1/2021**
W23CX	23	SALISBURY	MD	STA DTV 30 expired 7/2/2014
WGBI-LP	21	FARMINGTON	ME	CP DTV 21 expired 4/1/2015 but believed operational
WFHD-LP	**27**	**ANN ARBOR**	**MI**	**AF DTV 2 7/22/2020**
WBWM-LP	**32**	**MOUNT PLEASANT**	**MI**	**CP DCC 28 valid until 7/13/2021**
K42FH	42	BEMIDJI	MN	
KDSI-LP	05	CARTHAGE	MO	CP DCC 33 expired 9/1/2015
WJMF-LP	06	JACKSON	MS	APP DTV 6 granted 6/11/2021
W15CG	15	PONTOTOC	MS	CP DTV 15 expired 9/1/2015
K36EZ	36	BILLINGS	MT	
K07LO	07	FORSYTH	MT	
K09BW	09	FORSYTH	MT	
K11CB	11	FORSYTH	MT	
K12LR	12	FORSYTH	MT	
K04FF	04	FORSYTH, ETC.	MT	
K06JU	06	HOWARD	MT	
K10AJ	10	HOWARD	MT	
K13MY	**13**	**QUARTZ CREEK, ETC.**	**MT**	**APP DCC 36 requested 6/21/2021**
K05GC	05	REXFORD/FORTINE	MT	
K07QK	07	ROSEBUD, ETC.	MT	
K09OK	09	ROSEBUD, ETC.	MT	
K07WP	07	ROUNDUP	MT	
K09WS	09	ROUNDUP	MT	
K11FS	11	ROUNDUP	MT	
K13AN	13	ROUNDUP	MT	
W44CN	44	GREENVILLE	NC	CP DTV 44 canceled 8/1/2011
W22CJ	22	JACKSONVILLE	NC	CP DTV 22 expired 9/15/2010
K46DY	46	BISMARCK	ND	CP DTV expired 8/10/2009
KCPM-LP	02	FARGO	ND	
K11KW	11	AINSWORTH	NE	
K13EH	13	AINSWORTH	NE	
K18DH	18	BROKEN BOW	NE	
KAQY-LP	35	LEXINGTON	NE	
KAPT-LP	29	ALAMOGORDO	NM	
KVBA-LP	**19**	**ALAMOGORDO**	**NM**	**APP DTV 19 requested 6/21/2021**
K19HV	19	DEMING	NM	
K28ER	**28**	**DULCE & LUMBERTON**	**NM**	**CP DTV 28 granted 6/21/2021**
K26EP	26	DULCE/LUMBERTON	NM	CP DTV 26 expired 11/14/2009

Callsign	Ch	City	St	Licensee
KLCP-LP	30	LAS CRUCES	NM	
K31FX	31	PIE TOWN & QUEMADO	NM	
K14KO	14	PORTALES	NM	CP DTV 14 canceled 2/11/2009
K18GW	18	BEOWAWE	NV	
K20HX	20	BEOWAWE	NV	
K30HF	30	BEOWAWE	NV	
K36DC	36	BEOWAWE, ETC.	NV	
K13BB	13	CARLIN	NV	
K27DY	27	CARLIN	NV	
K30CD	30	CARLIN	NV	
K33DP	33	CARLIN	NV	
K35BR	35	CARLIN	NV	
K15GS	15	DUCKWATER, ETC.	NV	APP DTV 15 dismissed in favor of DCC K19IM
K29GM	29	DUCKWATER, ETC.	NV	
KXTY-LP	36	ELY	NV	
K17FY	17	EUREKA	NV	APP DTV 17 dismissed ROA 6/6/2012 pursued DCC instead
K40CI	40	EUREKA	NV	
K42CL	42	EUREKA	NV	
K44CP	44	EUREKA	NV	
KGHD-LP	06	LAS VEGAS	NV	CP DTV 38 canceled 6/1/2016
K13EN	13	OROVADA	NV	
KRRI-LP	25	RENO	NV	STA DTV 25 expired 12/8/2016
WNDR-LP	**06**	**AUBURN**	**NY**	**CP DCC 32 valid until 1/10/2022**
WAKN-LP	11	AKRON	OH	APP DTV 11 dismissed 2/27/2014, would interfere with WPCW
WDTJ-LP	**68**	**TOLEDO**	**OH**	**LIC DCC 18 valid until 10/1/2021**
KEGG-LP	**35**	**MCALESTER**	**OK**	**CP DTV 35 valid until 10/3/2021**
K25GJ	25	MUSKOGEE	OK	CP DTV 16 expired 9/1/2010
K04PH	04	ASTORIA	OR	APP DTV 24 dismissed 7/15/2016, not displaced.
K05LE	05	ASTORIA	OR	
K33AG	33	BEND	OR	APP DTV 33 dismissed 3/6/2017
K05JV	05	LA PINE	OR	
K05KY	05	LINCOLN CITY	OR	CP DTV 27 expired 9/1/2015
KDLN-LP	04	NEWPORT	OR	CP DTV 24 expired 8/5/2011
K24DX	24	PENDLETON, ETC	OR	
K20ES	20	PENDLETON, ETC.	OR	
KODT-LP	14	SALT CREEK	OR	
K06NI	06	THE DALLES	OR	
K05KX	05	TILLAMOOK	OR	
WHVL-LP	**29**	**STATE COLLEGE, ETC.**	**PA**	**LIC DCC 27 valid until 8/1/2023**
W08AB	08	GUAYAMA	PR	
WNGS-LP	**50**	**ANDERSON**	**SC**	**DCC 33 valid until 12/1/2028**
WLOW-LP	19	BEAUFORT	SC	CP DTV 19 canceled 9/1/2015; DCC 30 expired 12/1/2020
W34DB	34	LEWISBURG	TN	
WPGF-LP	**06**	**MEMPHIS**	**TN**	**LIC DCC 17 valid until 8/1/2021 but canceled 6/21/2021, replaced with CP DTV 6 granted same date.**

Callsign	Ch	City	St	Licensee
WWWN-LP	15	MEMPHIS	TN	LIC DCC 16 valid until 8/15/2021 but canceled 6/21/2021
KJTN-LP	18	ABILENE	TX	CP DCC 27 expired 8/13/2010
KXAB-LP	13	ABILENE	TX	
K29GD	29	AMARILLO	TX	
KDAX-LP	13	AMARILLO	TX	CP DCC 20 expired 9/1/2015
KAQC-LP	20	ATLANTA	TX	
KEBQ-LP	09	BEAUMONT	TX	APP DTV 21 dismissed 7/20/2016, would interfere with full power station
K05EF	05	BRADY, ETC.	TX	
KSPG-LP	11	CARRIZO SPRINGS	TX	
K47ED	47	COLLEGE STATION	TX	CP DTV 47 expired 6/23/2009
KWDT-LP	12	CORPUS CHRISTI	TX	
KZFW-LP	06	DALLAS	TX	APP DTV 6 dismissed 3/16/2010, would interfere w/KBFW & KSEX. DCC 6 expired 7/31/2010.
K38IO	38	DE LEON	TX	
K17GZ	17	HARPER	TX	
KHTX-LP	**30**	**HUNTSVILLE**	**TX**	**Granted DCC 29 valid until 1/16/2022**
K34HW	34	MASON	TX	
KUME-LP	50	MIDLAND/ODESSA	TX	CP DTV 50 expired 9/1/2015
K06QA	06	ODESSA	TX	
KZFB-LP	34	PAMPA	TX	
K11WJ	11	PARIS	TX	
KXVZ-LP	18	PLAINVIEW	TX	DCC 47 canceled 8/13/2007
KMAO-LP	50	RAYMONDVILLE	TX	APP DTV 50 dismissed 5/18/2020
KRYM-LP	46	RAYMONDVILLE	TX	APP DTV 46 dismissed 10/17/2014, Mexican objection
KSAD-LP	13	SAN ANGELO	TX	APP DTV 13 dismissed 3/4/2016
KVCV-LP	**42**	**VICTORIA**	**TX**	**CP DCC 23 valid until 3/4/2022**
K03BF	03	ENTERPRISE	UT	
K07SC	07	HILDALE, ETC. (AZ)	UT	
K07PX	07	ROCKVILLE	UT	CP DTV 7 expired 11/3/2009
K09CD	09	ROCKVILLE	UT	
K03AL	03	TOQUERVILLE	UT	
K39AK	39	VERNAL	UT	CP DTV 39 canceled 9/1/2020
K02AW	02	VIRGIN	UT	
K11OP	11	VIRGIN	UT	CP DTV 11 expired 9/15/2009
W04CI	04	APPOMATTOX	VA	
WIVC-LP	13	CHARLOTTESVILLE	VA	APP DTV 20 dismissed 9/17/2010, interference to WVPY & WCAV
W33AD	33	CONCORD	VA	
W18BS	18	HAMPTON	VA	APP DTV 18 dismissed 2/16/2007
WXOB-LP	17	RICHMOND	VA	CP DCC 14 expired 9/28/2013
K06OY	06	BAKER FLATS, ECT	WA	APP DTV 6 dismissed 10/17/2014, MX w/other application
K35BJ	35	ELLISFORD, ETC.	WA	
KXMN-LP	**11**	**SPOKANE, ETC.**	**WA**	**DCC 9 valid until 2/1/2023**
K03CR	03	BIG LARAMIE, ETC.	WY	
K12FY	12	BIG LARAMIE, ETC.	WY	
K12AH	12	BIG PINEY, ETC.	WY	

Callsign	Ch	City	St	Licensee
K31HT	31	CASPER	WY	
KKRR-LP	45	CHEYENNE	WY	
KMAH-LP	39	CHEYENNE	WY	
K06FD	06	LABARGE & BIG PINEY	WY	
KHDE-LP	**25**	**LARAMIE**	**WY**	**CP DTV 4 valid until 8/15/2021**
KPAH-LP	24	LARAMIE	WY	
K09SF	09	NORTH FORK, ETC.	WY	
KTRY-LP	39	PINEDALE	WY	
KWVF-LP	45	PINEDALE	WY	
KSHW-LP	06	SHERIDAN	WY	
K12BK	12	WORLAND	WY	

TV News Continues from Page 27

COLI Manzanillo	9	XHCPCP	
DURA Victoria	12	XHCPBJ	
GUER Chilpancingo	15	XHCPCQ	
GUER Taxco	2	XHCPBL	
HIDA Tulancingo	10	XHCPCR	
MICHO Lázaro Cárdenas	9	XHCPCU	
NAYA Nuevo Vallarta	5	XHCPCV	
SANL Cd. Valles	12	XHCPCX	
SINA Culiacán	19	XHCPBU	
SINA Los Mochis	34	XHCPBV	
SONO Guaymas	12	XHCPDA	
TAMP Cd. Victoria	10	XHCPBD	
TAMP Reynosa	7	XHCPCE	
VERA Poza Rica	15	XHCPDC	
VERA San Andrés Tuxtla	19	XHCPDD	
CHIA Pijijiapan	14	XHAO-n	PG 1.02kw/-89m, 15-41-29/93-12-33; booster of San Cristóbal de las Casas station
OAXA Huajuapan de León	28	XHCTHL	NS 2kw/-166m, 17-48-51/97-46-26

FIRST EVER RECEPTION OF EUROPEAN FM IN NORTH AMERICA via Es

Word came from Paul Logan via the WTFDA Email list of a reception of RNE5 Zamora, Spain on 88.8, received by one Larry Horlick in Newfoundland on June 21st. Audio received included news from the Castilla Y Leon region of Spain and fits the RNE5 schedule for regional news for that time slot. Larry is within single hop distance of the Azores with a much more uncluttered band than we have in the US. Audio can be found of the WTFDA Forums.

FM NEWS - JULY 2021

FM Call Letter and Programming Changes
Editor: Bill Halefmnews@wtfda.org
Visit db.wtfda.org to stay up-to-date

JULY 1 **JULY 4**

[ ] - Simulcast **( ) - Translator**

Alabama

Birmingham 99.5 WZRR
Talk: 'Talk 99.5' [WAPI-1070]

Montgomery 106.3 W292FX
Talk: 'News Radio 1440' // WLWI-1440
Oxford 97.9 WVOK-FM
Hot AC: 'WVOK Radio 97.9'
Trinity 92.5 WVNN-FM
Talk: 'NewsTalk 92.5 FM and 770 AM' [WVNN 770]

Alberta

Calgary 95.9 CHFM-FM
Adult Contemporary: 'Kiss 95 FM' [includes CHFM-FM-1 99.3 Banff]
High Level 106.1 CFKX-FM
Hot AC: 'Kix FM'

Alaska

Circle 93.9 KRLL
Ethnic: 'Voice of Denali' // KRFF 89.1
Nenana 99.1 KNNA-FM
Ethnic: 'Voice of Denali' // KRFF 89.1
Tok 89.5 KTKF
Ethnic: 'Voice of Denali' // KRFF 89.1

Arizona

Bagdad 96.3 K242AC
License cancelled 5/28/2021 per applicant's request
Bagdad 97.3 K247AC
License cancelled 5/28/2021 per applicant's request
Bagdad 100.3 K262AA
License cancelled 5/28/2021 per applicant's request
Payson 99.3 KEMP
Is Silent

Arkansas

Harrison 94.9 K235CE
Classic Country: '94.9 FM and AM 900 KHOZ' // KHOZ-900
Harrison 102.9 KHBZ
Country: 'New Country 102.9'
Fort Smith 96.7 K244FJ **and**
Van Buren 101.1 K266BS
Country: 'Red Dirt 96.7' // KAGE-1580
Lake Village 103.5 WETI
License cancelled; calls deleted 6/3/2021 (station was never built)
Vilonia 92.7 KASR
Talk/Sports: 'Arkansas' Sports Radio'

British Columbia

Abbotsford 89.9 VF2691
CP expired - never made it on air
Abbotsford 107.9 VF2690
CP expired - never made it on air
Fort St. John 101.5 CKNL-FM
Variety Hits: 'Bounce 101.5' [includes CKHH 106.1 Hudson's Hope]
Nelson 106.9 CKKC-FM
Variety Hits: 'Bounce 106.9' [includes CKKC-FM1 101.9 Crawford Bay, CKZX-FM1 95.3 Kaslo, CKBS-FM 103.1 Nakusp and CKZX-FM 93.5 New Denver]

California

Bishop 100.7 KIBS
Country: 'The Greatest Country In The World'

Mecca 97.7 KRCK-FM
Format Unknown (affects K238AK 95.5 & K251BX 98.1 both Palm Desert . . . Mecca is about 15 miles southeast of Coachella)
Victorville 103.1 KXVV
Regional Mexican: 'La X' [KMPS-910]

Colorado

Durango 97.3 K247AU **and**
Eagle 106.3 K292GX
Sports: 'ESPN 930 AM, 97.3 FM and 106.3 FM' // KIUP-930
Durango 106.3 K292GX
Sports: 'ESPN 930 AM - 97.3 FM - 106.3 FM' // KIUP-930

Connecticut

Groton 101.9 W270DJ
Talk: '980 AM WXLM' // WXLM-980

Delaware

Lewes 96.7 W244DC
License cancelled; call sign deleted 6/8/2021

Florida

Bonita Springs 101.5 W268AH **and**
Fort Myers 104.3 W282BY
Sports: 'ESPN Southwest Florida' // WBCN-770
Fort Myers 94.1 W231DC
Spanish: 'La Raza 94.1' // WFSX-1240
Fort Myers 95.3 WOLZ
Classic Hits: '95.3 The Beach'
Fort Myers Beach 99.3 WWCN
Spanish Adult Hits: '99.3 Playa'

Fort Walton Beach 94.3 W232CF and
Fort Walton Beach 103.7 W279DO
Are Silent, as is // WFDM-1400
[Thanks Terry Krueger!]
Middleburg 96.5 W243AW
Religious Teaching: 'Way Radio' // WAOC-1420

Otter Creek 95.9 WEYK
License cancelled; calls deleted

Georgia

Smithboro 89.1 WAKP
Format Unavailable (Any help?)

Hawaii

Honolulu 95.1 K236CR
Sports: 'The Shark' // KGU-760

Idaho

Lewiston 105.1 KVTY
Hot AC: '105.1 The River' [includes K280FQ Lewiston]

Lewiston 106.9 KMOK
Country: 'Canyon Country 106.9'
Montpelier 99.9 K260AD
Talk: 'Utah's Big Talker' // KKAT-860

Illinois

Springfield 93.9 WTAX-FM
News/Talk: 'Newsradio 1240 AM & 93.9 FM' [WTAX-1240]

Indiana

Brazil 106.9 W295CQ **and**
Terre Haute 99.5 W258BA
Adult Standards: 'Timeless Classics 1130 AM - 99.5 FM - 106.9 FM' // WAMB-1130
Cloverdale 89.1 WSPM
Religious Teaching: 'Catholic Radio 89.1 - 90.9' [WSQM 90.9]
Evansville 107.5 WABX
Classic Rock

Goshen 97.9 WYXX-FM
Classic Rock: 'Classic Rock 97.7'\
Indianapolis 95.9 WFDM-FM
Talk: 'Indiana's Voice of Freedom' [WXLW-950]

New Carlisle 102.3 WYET-FM
Classic Hits: 'Classic Hits 102.3'
Noblesville 90.9 WSQM
Religious Teaching: 'Catholic Radio 89.1/ 90.9' [WSPM 89.1]

Iowa

Adel 88.5 KIHS
Religious Teaching: 'Iowa Catholic Radio'
Boone 98.3 KWQW
CHR
Keokuk 93.3 K227DO
Talk: '93.3 & 1310 KOKX' // KOKX-1310

Kansas

Newton 92.3 KKGQ
Sports: 'ESPN Wichita - 92.3 The Fan'

Kentucky

Eminence 105.7 WHBE-FM
Sports: 'ESPN Radio 680 Louisville - 105.7 Frankfort' [WHBE-680]
Mount Sterling 105.5 WXLO
Call change from WWRW
Stamping Ground 96.1 WWRW
Call change from WXLO

Louisiana

Baton Rouge 98.7 K254DM
News/Talk: 'WJBO Newsradio 1150 AM and 98.7 FM' // WJBO-1150
Dubach 97.7 KNBB
Sports: 'Sports Talk 97.7'
Leesville 92.7 KBDV
Adult Contemporary: 'The Eagle 92.7'
Natchitoches 100.7 KZBL
Oldies: 'Greatest Hits and Goodtime Oldies'
Ruston 99.3 KPCH
Classic Hits: 'The Peach 99.3'
White Castle 90.7 KPEF
Is Silent

Manitoba

Winnipeg 99.9 CFWM-FM
Variety Hits: 'Bounce 99.9'

Maryland

Tacoma Park 91.9 WGTS
Contemporary Christian: 'WGTS 91.9'
Ocean City 88.3 WRAU
(Format Unavailable; any help?)

Massachusetts

Brockton 97.7 WZRM
Spanish CHR: 'Rumba 97.7'; call change from WKAF
Harwich Port 93.5 WFRQ
Classic Hits: 'Frank FM 93.5 - 94.7' (includes K234DP Hyannis)

Michigan

Cheboygan 105.1 WGFM
Rock: 'Rock 105 & 95.5' [WGFE 95.5]
Detroit 104.3 WOMC
Classic Hits: 'Detroit's Greatest Hits"
Glen Arbor 95.5 WGFE
Rock: 'Rock 105 & 95.5' [WGFM 105.1]
Glen Arbor 98.1 WGFN
Classic Rock: 'The Bear 98.1 & 95.3' [WWSS 95.3]
Houghton Lake 92.1 WTWS
Country: '92.1 The Twister'
Indian River 102.9 WMKC
Country: 'Big Country 102.9'
Roscommon 101.1 WGRY-FM
Sports: 'Up North Sports' [WHAK-960, WJML-1110, WJNL-1210]

Tuscarora Township 95.3 WWSS
Classic Rock: 'The Bear 98.1 & 95.3' [WGFN 98.1]

Minnesota

Coleraine 96.1 WDKE
Classic Country: 'The Duke 96.1'

Eveleth 97.9 WEVE-FM
Adult Contemporary

Little Falls 92.1 WYRQ-FM
Country: 'WYRQ 92.1'

Little Falls 94.1 KFML
Rock: '94 Rocks KFML'

St. Paul 102.1 KEEY-FM
Country: 'K102'

Virginia 99.9 WUSZ
Country: '99.9 Radio USA'

Mississippi

Canton 105.5 W288DU
Is Silent, as is // WONG-1150

Drew 95.3 WNLA-FM
Is Silent; call change from WNOU

Vardaman 99.5 WETX
R&B Oldies: 'Blazin 99.5'

Missouri

Branson 98.1 K251BZ
Classic Hits: '98.1 FM and AM 1220 KCAX' // KCAX-1220

Canton 100.9 KRRY
Classic Rock: '100.9 The Eagle'

Kansas City 103.7 K279BI
Talk: 'KCMO Talk Radio 103.7 FM and 710 AM' // KCMO-710

Kansas City 103.7 K279BI
Talk: 'KCMO, Talk Radio 103.7 FM - 710 AM' // KCMO-710

Kimberling City 100.1 KOMC-FM
Adult Contemporary: 'My 100.1 KOMC'

Jefferson City 103.5 K278CT
Talk: 'KLIK News Talk 1240 AM and 103.5 FM' // KLIK-1240

Sedalia 101.3 K267CO
Country: 'Home Town Country 1490 AM - 101.3 FM' // KDRO-1490

Montana

St. Regis 99.3 KQEZ
Adult Contemporary: '99.3 The River' [includes KQEZ-FM1 Missoula]

Nebraska

Grand Island 104.3 K282BR
Spanish Contemporary Christian: 'My Bridge Espano Radio' // KMMJ-750

Nevada

Las Vegas 100.1 KHSJ-LP
Is Silent

North Las Vegas 98.1 K251BS
Regional Mexican: 'Fiesta 98.1' // KLUC-FM 98.5 HD3

New Brunswick

Fredericton 93.1 CIHI-FM
Classic Hits: 'Rewind 93.1'

New Jersey

Edison 103.9 W280GA
License cancelled; calls deleted per applicant's request

New Mexico

Albuquerque 101.3 KRKE-FM
Classic Hip Hop: '101.3 The Hustle'

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Armijo 107.1 KYFV
Format Unknown (Suburb of Albuquerque - Help!)
Bosque Farms 104.7 KKTH
Spanish Contemporary Christian: 'Buenas Nueva'; call change from KABQ-FM
Corrales 95.1 KABQ-FM
Call change from KOLZ
Farmington 88.9 KNMI-FM
Contemporary Christian: 'K-Love'
Kirtland 102.9 KOLZ
Call change from KAZX
Ramah 89.7 KTDB
News/Ethnic (Native American)

New York

Alfred 101.9 WCOQ
Contemporary Christian: 'Family Life Network'; call change from WZKZ
Big Flats 97.7 WENY-FM
Adult Contemporary: 'Family Life Network'
Contour Falls 104.9 WPHD
Contemporary Christian: 'Family Life Network' (includes W226BA Elmira & W228DN Corning)
Glens Falls 93.1 W226CP
Classic Rock: '93 WSC The Legend' // WWSC-1450

Horseheads 100.9 WCID
Contemporary Christian: 'Family Life Network' [WMTT-820]; call change from WMTT-FM
Horseheads 101.3 W267CJ
Contemporary Christian: 'Family Life Network' // WMTT-820
Montour Falls 104.9 WCIM
Call change from WPHD
Olean 96.3 W242CT
Format Unavailable // WOEN-1360 (a little help, here!)
Portville 96.7 WCOR-FM
Is Silent; call change from WUDE

Newfoundland & Labrador

St. John's 99.1 CFWM-FM
Top 40: 'Hot 99.1'

North Carolina

Leland 107.9 W300DX
Talk: 'WAAV 980 AM' // WAAV-980
Nags Head 92.3 WZPR
Rock: 'Z 92.3'

Nova Scotia

Sydney 101.9 CHRK-FM
Top 40: 'Hot 101.9'

Oklahoma

Tulsa 90.1 KJZT-LP
License cancelled and call deleted 5/28/2021

Ontario

Brockville 103.7 CJPT-FM
Variety Hits: 'Bounce 101.9'
Kawartha Lakes 91.9 CKLY-FM
Variety Hits: 'Bounce 91.9'

Oregon

Astoria 100.9 K265CP
License to cover a new station is cancelled and calls deleted 6/8/2021
Cannon Beach 104.9 K285DN
License to cover a new station is cancelled and calls deleted 6/8/2021
Gold Beach 104.9 K285GA
License cancelled; calls deleted 6/8/2021
Hood River 107.7 K299AD
License cancelled; calls deleted 6/8/2021
Portland 99.9 W260DK
Spanish Sports: 'TUDN Deportes 1010' // KOOR-1010
Seaside 107.1 K296DM
License to cover a new station is cancelled and calls deleted 6/8/2021

Pennsylvania

Dallas 107.7 WLGD
Contemporary Christian: 'Family Life Network' (includes K235DC Dickson City & W248BP 97.5); call change from WCIG

Eldred 103.9 WCOP
Call change from WCGH
Farmington Township 106.1 WCGH
Call change from WCOP
Harrisburg 97.3 WRVV
Classic Hits: 'The River 97.3'
Harrisburg 99.3 WHKF
Urban Contemporary: 'Real 99.3'
LaPorte 90.9 WCDR
Call change from WCID
Milford 106.9 W295AQ **and**
Sussex, NJ 98.3 W253DY
Adult Contemporary: 'Lite 106.9' // WYNY-1450

Philipsburg 104.1 W281CB
Classic Hits: '1260 AM - 104.1 FM WPHB' // WPHB-1260
Shenandoah 91.5 WCDH
Call change from WCIM
Trout Run 90.1 WCIN
Call change from WCOX-FM
Tunkhannock 91.3 WCDJ
Call change from WCIN
York 93.3 W230CQ
Talk: 'News Talk 93.3' // WSBA-910

Puerto Rico

Vieques 90.1 WVQR
Is Silent

South Carolina

Charleston 97.3 W247DG
Talk: '1250 WTMA' // WTMA-1250
Charleston 100.1 W261DG
Urban Gospel: 'Heaven 1390 AM & 100.1 FM // WSPO-1390
Columbia 103.5 W278CY
News/Talk: 'WVOC - Columbia`s News, Talk and Sports' // WVOC-560

Hollywood 99.7 WXST
Urban Adult Contemporary: 'Star 99.7 FM' (includes W257BQ Charleston)

Moncks Corner 92.5 WCKN
Country: '92.5 Kickin Country'

Greenville 99.5 W258CB
80s Hits: 'Awesome 99.5' // WJMZ-FM 107.3 HD3
Valhalla 101.7 WGOG
Country: '101.7 FM WGOG'
West Columbia 100.1 WXBT
Urban Contemporary: '100.1 - The Beat Columbia' (includes W288CX 105.5)

Tennessee

Bluff City 92.9 WFHG-FM
News/Talk: 'Super Talk 92.9 WFHG'
Chattanooga 93.9 W230DF
Talk: 'WGOW 1150 AM' // WGOW-1150
Chattanooga 106.3 W292FX
Talk: 'News Radio 1440' // WLWI-1440
Nashville 97.9 WSIX-FM
Country: '97.9 is The BIG 98'

Nashville 98.3 W252CM
News/Talk: 'TalkRadio 98.3 & 1510AM WLAC'

Texas

Balcones Heights 103.7 KZAI-FM
Soft Christian: 'Air1' (City-of-license move from Refugio)
Breckenridge 93.5 KLXK
Country: 'K-Lakes 93.5'
Bryan 104.7 KKYS
Adult Contemporary: 'Mix 104.7'
Eastland 97.7 KATX
Classic Hits: '97.7 KATX'
Glen Rose 92.1 KTFW-FM
Country: '92.1 and 95.5 Hank FM' ('95.5' refers to KTWF Scotland)
Graham 94.7 KWKQ
Classic Rock: 'Q 94.7 FM'
Hebbronville 98.7 KOTX
CHR: 'Tequila Dance Radio'

Hillsboro 102.5 KBRQ
Rock: '102-5 The Bear, Waco`s Rock Station'
Killeen 92.3 KIIZ-FM
Urban Contemporary: 'Z 92.3'
Malakoff 95.9 KCKL
Country: 'K-Lakes 95.9'
Nolanville 107.3 KLFX
Rock: '107.3 The Fox Rocks'

Palestine 95.7 K239AM
Talk: '1450 - 95.7 KNET' // KNET-1450
Ranger 98.5 KWBY-FM
Country: 'KWBY 98.5'
Scotland 95.5 KTWF
Country: '92.1 and 95.5 Hank FM' ('92.1' refers to KTFW Glen Rose)
South Padre Island 95.3 KZSP
Returns to the air with CHR: 'Tequila Dance Radio'
Waco 97.5 KWTX-FM
CHR: '97.5 FM'
Waco 99.9 WACO-FM
Country: 'Waco 100'

Vermont

Brattleboro 96.7 WTSA-FM
Hot AC: '96.7 TSA-FM - We've Got You Covered'

Washington

Chehalis 103.9 K280FF
License cancelled; call sign deleted 6/8/2021
Malaga 97.7 K249CV **and**
Omak, etc. 98.1 K251AZ
Classic Hits: 'Sunny FM' // KEYG-1490 [KCSY 106.3]

Wisconsin

Green Bay 101.1 WIXX
CHR: '101 WIXX' **[Thanks! Chris Kadlec]**
Kenosha 101.5 WIPZ-LP
License cancelled; call sign deleted
Minoqua 95.9 WMQA-FM
Adult Contemporary: '95.9 The Island'

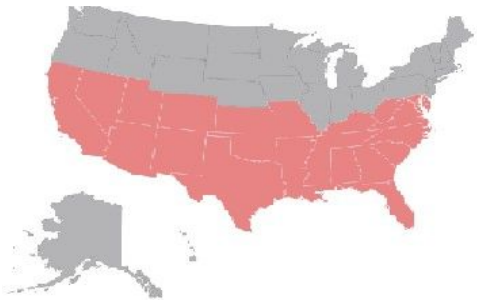
Nekoosa 105.5 WIRI
Country: 'Country Legends 24/7' [WFHR-1320]
Oshkosh 93.9 W230DB
Talk: 'WOSH 1490 News Talk Radio' // WOSH-1490
Ripon 93.1 W226CQ
Soft AC: '93.1 The Wave' // WRPN-1600
Rothschild 93.9 W230BU
Sports: '93.9 The Game' // WRIG-1390
Sauk City 101.5 WIBA-FM
Classic Rock
Superior 98.1 W251CD
Talk: 'WDSM 710 AM - 98.1 FM' // WDSM-710

Wausau 95.5 WIFC
CHR: '95-5 WIFC'

Southern FM DX

John Zondlo – 4009 Driftwood Circle – Yukon, OK 73099
southernfmdx@wtfda.org – Deadline: 20th July 2021

For DXers in……



…..and Mexico

Fred Nordquist – Moncks Corner, SC – FM03af – EDT - All New
Receivers: Sangean HDT-1X and AirSpy with SDR Console (v3.0.20), Antenna: APS-13

4/10 Gw
0000 W246BX 97.1 SC Orangeburg, News/Talk 51
5/2 Es 1746-1846 edt TX/OK/NM MUF: 107.9 (44 relogs)
1757 KDDD 95.3 TX Dimas, Big Country SID, dual station ID 1260
1758 KXRI 91.9 TX Amarillo, PI: 4E7E, PTY: Top 40 1253
1759 KAVO 90.9 TX Pampa, ID, AFR 1210
1800 K222BE 92.3 TX Borger, KXLV ID 1226
1803 KHIM 97.7 OK Mangum, PI: 2358, PS: KHTM 97.7, classic rock 1117
1829 KLBB 93.7 TX Lubbock, "93.7 The Eagle" 1262
5/4 Gw
1300 W241CT 96.1 SC Holly Hill, dual station ID w/AM 1440 "Truth Radio" 29
5/31 Es 1124-1434edt TX/CU/NY/PA/MD/QC MUF: 96.5 (Many relogs)
1431 WRYV 88.7 PA Milroy, PI: 8411, PTY: Top 40 524
1431 WRFI 91.9 NY Watkins Glen, PI: 8216, PTY: Public 655
1431 WOGA 92.3 PA Mansfield, PI: 743C, PTY: Oldies 619
1432 WCRH 90.5 MD Williamsport, PI: 5BB1, PTY: Relig Music 458
6/6 Tr
1437 WAYR 90.7 GA Brunswick, "90.7 WAY Radio," local off air 166
6/6/21 Es 1038-1130edt MX/TX MUF: 103.1 (Many relogs) also 1845-2036 edt MN/ND/WI/IA/SD/ muf: 101.5
2017 KKWE 89.9 MN White Earth, ID 1248
2024 KRWK 101.9 ND Fargo, PI: 3F2A 1312

FM Log Total to Date: 4184

John Zondlo – 4009 Driftwood Circle – Yukon, OK 73099 – CDT – all new
Sony XDR-F1HD, APS-9B @ 16'

5/21 Es
1202 WLSF 88.3 FL Starke, K-Love, ID 986
2020 KWSO 91.9 OR Warm Springs, Native American chanting, PSAs 1389
2027 KRFA 91.7 ID Moscow, RDS: "NWPB," HD over local KSPI 1260
5/23 Es
2058 KOAY 88.7 ID Middleton, "Project 88.7," CCM 1148
5/24 Es
1429 XHEX 88.7 SN Bellavista, RDS: "Formula," mentions of Culiacan 969
1440 XHPSJC 89.1 BCS San Jose del Cabo, RDS: "Radiante" 1119
5/26 Es
1915 XHY 96.7 GT Celaya, RDS: "Radio Lobo" 1051

2021 KCSB 91.9 CA Santa Barbara, alternative, RDS: “KCSB” 1241
2135 K255CT 98.9 NV Henderson, local KYIS off (unknown reason, other Cumulus locals on), Vegas vs. Minnesota playoff hockey, KKGK 1340 translator 969
2136 KRQX 98.9 UT Hurricane, classic hits, local KYIS still off

6/10 Tr

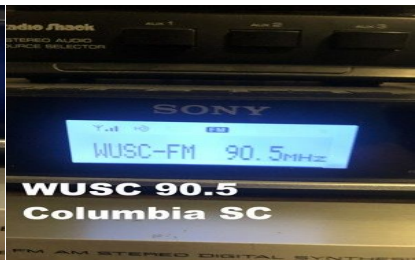
1006 KAMT 105.1 TX Channing, Christian talk and news, ID 256

6/11 Tr

0732 KRBG 88.7 TX Umbarger, “Radio By Grace,” series of short pgms, calls 248
0827 KBCQ 97.1 NM Roswell, CHR, “Hot 97” 411
0843 KMOU 104.7 NM Roswell, country, “The Legend” 411
1000 KRMQ 101.5 NM Clovis, classic rock, over local translator 317
1009 K252GB 98.3 TX Amarillo, KPUR 1440 translator 230

6/15 Es

0923 XHNY 93.5 GT Irapuato, “Exa FM,” EE rock 1047
0947 WECC 89.3 GA Folkston, “The Lighthouse,” CCM, calls 965
1010 WWJK 107.3 FL Green Cove Springs, calls, city mention, rock, in HD 1007
1036 WMYZ 88.7 FL The Villages, CCM from Z88.3 1026
1048 WAYA 100.9 SC Ridgeville, WAY FM 1008
1153 WOBB 100.3 GA Tifton, “Albany’s B-100,” country 866



6/16 Es

1100 WAFJ 88.3 SC Belvedere, calls, ID, news, CCM 909
1104 WUSC 90.5 SC Columbia, HD 954
1106 WCFJ 92.1 SC Irmo, HD, over local translator 944
1110 WZMJ 93.1 SC Batesburg, “93.1 The Lake” 927
1113 WWKT 99.3 SC Kingstree, “The Cat,” country, local KHDD-LP off (again!) 1026
1132 WCOO 105.5 SC Kiawah Island, “The Bridge,” rock 1029
1137 WFSH 104.7 GA Athens, CCM, promo, matching song with website music log 823
1201 WRFG 89.3 GA Atlanta, calls popped in (opposite of Murphy’s Law of DXing!) 769
1901 WTIR 91.9 FL Brighton Reservation, calls 1135
1905 WHGN 91.9 FL Crystal River, RDS, Moody Radio programming 995
1922 WFDZ 93.5 FL Perry, local spots 902

6/17 Es

1924 KLUK 97.9 CA Needles, spots for busns in CA, NV and AZ, “Lucky 98” 951

6/18 Es

1526 WLVM 98.3 AL Chickasaw, K-Love, other Gulf stations in 648
1541 WNLS 91.3 LA Slidell, “Lifesongs,” CCM, msg from local pastor 587

FM Log Total to Date: 3043

Master PDF Editor

Northern FM DX

Keith McGinnis
Hingham, MA
longwave@comcast.net

For Dxers in the following states CT IA ID IL IN MA ME MI MN MT NDNE NH NJ NY OH OR PA RI SD VT WA WI WY and all of Canada.

EDITORS NOTE PLEASE SUBMIT ALL REPORTS IN THE FORMAT SHOWN BELOW.
All Submissions must be in to me by the 10th of each month.

Jim Renfrew, Clarendon NY
Sangean HDT-1X, rooftop antenna with a frozen rotor.
Times EDT. * = NEW

May 20 2021

Time	CALL	FREQ	CITY	STATE	Details
1217	KIWR	89.7	Council Bluffs	IA	"897TheRiver.com" RDS KIWR
1226	KRPS	89.9	Pittsburg	KS	RDS "KRPS"
1228	KEZO	92.3	Omaha	NE	"The Rock Station", local ad
1243	*KZUH	92.3	Minneapolis	KS	local ads
1249	KCVW	94.3	Kingman	KS	RDS "KCVW"
1253		94.5			NCAA World Series Omaha
1324	KBRY	92.3	Sargent	NE	K-Bear Country
1330	KZEN	100.3	Central City	NE	"KZ Country"
1331	CJSA	101.3	Toronto	ON	RDS "CJSA"
1335	KDAM	94.3	Harrington	NE	Sacred Heart Hosp Yankton
1338		92.1			Omaha Regional Market, KCHE?
1342	*KUSD	89.7	Vermillion	SD	RDS "KUSD"
1343	KPNO	90.9	Norfolk	NE	RDS "KPNO … GOOD NEWS"
1344	KAYA?	91.3	Hubbard	NE	AFA, KAYA?
1344	*WZDV	92.1	Amherst	NY	"Dove FM'
1345	*KCHE	92.1	Cherokee	IA	"Positively Cherokee"
1348	KBRB	92.7	Ainsworth	NE	Ainsworth ads, "KBR-"
1349	KKYA	93.1	Yankton	SD	RDS "KKYA" Dead Air
1351	*KWYR	93.7	Winner	SD	"KWYR needs re-wiring", upcoming maintenance silent period
1354	*KGWD	94.5	Sioux Falls	SD	RDS "KGWD", REAL"
1359	KGRJ	89.9	Chamberlain	SD	RDS "KGRJ"

1403	*KELO	101.9	Sioux Falls	SD	RDS “KELO”, Kelo FM”
1404	*KZSD	102.5	Martin	SD	NPR News
1408	*KKLS	104.7	Sioux Falls	SD	RDS “KKLS” “Hot 104.7”
1418	KUQL	98.3	Ethan	SD	RDS “KUQL” “Kool 98.3”
1420	KJWR	90.9	Windom	MN	RDS “KJWR”
1421	KTSD	91.1	Reliance	SD	RDS “KTSD”
1421	*KLSE	91.7	Rochester	MN	MPR News // delay
1421	*KNSW	91.7	Worthington	MN	MPR News // delay
1423	KORN	92.1	Parkston	SD	“Korn Country 92.1”
1424	KQRQ	92.3	Rapid City	SD	local pawn shop and Rapid City wx
1427	KGFX	92.7	Pierre	SD	“River 92.7”
1429	*KATO	93.1	New Ulm	MN	“KATO” and “KTOE”
1430	KBRK	93.7	Brooking	SD	RDS, “MyB937.com”
1431	KSOU	93.9	Sioux Center	IA	local ads
1432	KKMK	93.9	Rapid City	SD	Rapid City Ad, “Mix 93”
1434	KDOM	94.3	Windom	MN	RDS “KDOM” Hot country
1435	KPLO	94.5	Reliance	SD	RDS “KPLO”
1437	*KKCK	94.7	Springfield	MN	RDS “KKCK, TODAY’S HIT MUSIC”
1442	KCHK	95.5	New Prague	MN	Polka, “KCHK 1350”
1449	*KCMP	89.3	Northfield	MN	“Morning Show” on MPR “Current”
1450		89.7			K-Love, 2 SD stations likely
1454	KDMA	93.9	Granite Falls	MN	RDS “KDMA”
1457	*W257ER	99.3	Greece	NY	WHIC-AM Catholic programming
1500	*KNCM	91.3	Appleton	MN	PRX, “KNCM Appleton”

MAY 21 2021

1239	KDAQ	89.9	Lafayette	LA	RDS "KDAQ"

MAY 28 2021

0100	*W262CQ	100.3	Lockport	NY	Family Life Network, ID as "WBUF-HD2"

MAY 31 2021

1900	WJTF	89.9	Panama City	FL	"Broadcasting to the Emerald Coast, WJTF Panama City"

Jerry Bond, Irondequoit, NY
DXing mobile in 2014 Chevy Traverse

May 20 2021

1353	K220IT	91.9	Watertown	SD	Relig., Life 96.5.
1355	KPNO	90.9	Norfolk	NE	presumed. Key Life Network. Read list of stations.
1359	KJWR	90.9	Windom	MN	end of Focus on the Family program. RDS-KJWR-FM.

1400	KVCH	88.7	Huron	SD	presumed. VCY America.
1403	KSTD	91.1	Reliance	SD	NPR. RDS-KSTD-FM. Classical HD2 also in.
1404	KIAI	93.9	Mason City	IA	Farm News. The Midday Show with DJ Jess.
1408	KKRC	97.3	Sioux Falls	SD	local spots.
1415	KSCR	93.5	Benson	MN	ID as KSCR – the station that works.
1417	KDOM	94.3	Windom	MN	local spots. Hot Country 94.3.
1422	KPLO	94.5	Reliance	SD	local spots, ID.
1431	KUQL	98.3	Ethan	SD	Kool 98-3.
1433	KKQQ	102.3	Brookings	SD	presumed. Many SD spots. c/w
1440	KARL	105.1	Marshall	MN	local spots.
1444	KDDX	101.1	Spearfish	SD	RDS- X-Rock.
1455	KBRK	93.7	Brookings	SD	presumed. RDS- The Hottest Hits.
1458	KIPI	93.5	Eagle Butte	SD	RDS-KIPI Radio Where Music Comes Alive.

May 31 2021

1413	WFLC	97.3	Miami	FL	South Florida spots.
1414	WKIS	99.9	Boca Raton	FL	c/w, local spots.
1416	WHYI	100.7	Ft. Lauderdale	FL	spots for hospital and Italian restaurant.
1421	WLYF	101.5	Miami	FL	Miami mentions.
1421	WMBX	102.3	Jensen Beach	FL	Urban Contemporary. Find DJ Reggie Dee at Bud's Chicken and Seafood and win a prize.
1423	WHQT	105.1	Coral Gables	FL	local spots.
1431	WQCS	88.9	Ft. Pierce	FL	HD, RDS-Think on WQCS-FM.
1446	WLFE	90.9	Cutler Bay	FL	Life FM. Local spots.
1448	WJFP	91.1	Ft. Pierce	FL	Gospel. ID.
1459	WMKL	91.9	Hammocks	FL	SS. Radio Maria.
1507	WQYK	99.5	Tampa	FL	c/w. 99.5 QYK.
1529	WJIS	88.1	Sarasota	FL	The Joy FM. HD.
1531	WMIA	93.9	Miami Beach	FL	All 90's all the time. RDS-Totally 93.9.
1536	UNID	94.9			SS music, maybe WZTU Miami Beach.
1859	WMGP	98.1	Hogansville	GA	TOH Legal ID.

June 1 2021

1049	UNID	88.7			RDS-Sonlife. Maybe KAJT-Ada, OK.
1119	KUHF	88.7	Houston	TX	NPR. News 88.7 slogan. Texas news.
1131	KQBT	93.7	Houston	TX	RDS-93.7 The Beat.
1415	KLCU	90.3	Ardmore	OK	NPR. RDS-KCCU-FM.
1420	KLRC	90.9	Tahlequah	OK	Jingle-Positive and Encouraging KLRC.
1428	KWEN	95.5	Tulsa	OK	RDS-KWEN. HD2 in also.
1458	UNID	90.3			RDS-Bott Radio and jingle.
1500	KRPS	89.9	Pittsburg	KS	NPR news. RDS-KPRS-FM.
1721	CINN	91.1	Hearst	ON	Presumed. FF. modern rock and female and male DJ chatter.
1727	CKSB-7	93.5	Kenora	O**N**	FF. Presumed. Mentions of Premiere Netwk

June 6 2021

1900	KAVX	91.9	Lufkin	TX	TOH Legal ID, A Voice to Christ.
1910	WBAD	94.3	Leland	MS	RDS-Hip-Hop, Urban and R and B- 94 WBAD. Bad 94-3 slogan.
1913	WFMN	97.3	Jackson	MS	RDS-Supertalk.
1918	KCKL	95.9	Malakoff	TX	HPR Network Sports. News about area BB x teams.
1924	KCBI	90.9	Dallas	TX	presumed. Church service from First Baptist of Dallas.
1925	KBJS	90.3	Jacksonville	TX	ID, church choir music.
1928	KLSA	90.7	Alexandria	LA	RDS-KLSA-FM, Car Talk Show.
1930	KJAE	93.5	Leesville	LA	BB play-by-play of LSU Tigers.
1932	KLDN	88.9	Lufkin	TX	RDS-RRR. Car Talk Show.
1936	KEDM	90.3	Monroe	LA	ID as KEDM Public Radio.
1938	KTYL	93.1	Tyler	TX	New Music on Mix 93-1.
1941	WRLX	94.3	Riviera Beach	FL	SS. Spot for mattress store on Okeechobee Blvd.
1948	KVUU	99.9	Pueblo	CO	spots for local businesses and James Irwin School.
1953	KTCK	96.7	Flower Mound	TX	local spots.
1957	WSCF	91.9	Vero Beach	FL	“Christian FM.”
1959	UNID	90.3			“This is MPB Think radio.” Has to be WMAH or WMAV.
2003	WWOZ	90.7	New Orleans	LA	spots for live music shows coming up in New Orleans.
2009	KZMJ	94.5	Gainesville	TX	RDS-Majic 94.5.
2011	KBOC	98.3	Bridgeport	TX	SS, RDS-KBOC.
2012	KFZO	99.1	Denton	TX	RDS-KFZO.
2018	KFWR	95.9	Jacksboro	TX	local spots.
2031	KLRC	90.9	Tahlequah	OK	ID during break in Weekend Top 20 Countdown.
2039	KWEN	95.5	Tulsa	OK	RDS- K95.5.
2050	UNID	89.5			c/w. maybe KLND per Jim Renfrew tip.
2059	KAVO	90.9	Pampa	TX	TOH legal ID.
2129	KZWY	94.9	Sheridan	WY	Many WY and MT spots including rodeos, Sheridan wx from the Z94 Weather Center.

June 11 2021

1159	WMFE	90.7	Orlando	FL	RDS-NPR for Central Florida.
1200	WJLH	90.3	Flagler Beach	FL	Local spots.
1210	WJRR	101.1	Orlando	FL	…weekends on JRR.
1217	WTKS	104.1	Orlando	FL	Real Radio. Traffic. Local spots.
1241	UNID	94.3			Vanderbilt-E. Carolina BB game.
1916	KANZ	91.1	Garden City	KS	Garden City wx. Hppr.org.
1919	KHCT	90.9	Great Bend	KS	presumed. Hutchinson mentions.
2013	KKMK	93.9	Rapid City	SD	local spots. Mix wx.
2017	KULO	94.3	Alexandria	MN	presumed. Twins-Houston BB. Per Jim Renfrew tip.

June 15 2021

1540	KRVN	93.1	Lexington	NE	RDS-The River. Nebraska's country station.
1605	KQSD	91.9	Lowry	SD	RDS-SDPB – Public Radio for North Central South Dakota.
1630	UNID	90.3			Jordan Sekulow Show. Maybe KCRL.

June 16 2021

0903	WAYJ	89.5	Naples	FL	mention of wayfm.com. Religious.

Harry Hayes - Wilkes-Barre, PA
Equipment: Sony XDR-S3HD receiver, FM-6 in attic

May 6 2021 Ms

704	WFSS	91.9	Fayetteville	NC	"It's 7:04, This is News from NC Public Radio" New

May 15 2021 Es

1946	KLKC	93.5	Parsons	KS	"Variety 93.5"
1958	KMXL	95.1	Joplin	MO	"Mike FM"

May 20 2021 Es

1235	KDLO	96.9	Watertown	SD	Country MX
1243	KZKX	96.9	Seward	NE	"Kix" "KZKX .com"
1244	KIAQ	96.9	Clarion	IA	Ad ment Fort Dodge
1251	KCVM	93.5	Hudson	IA	Ment. Waterloo in ad, WX from KWWL "93.5, The Mix" New
1251	KKOT	93.5	Columbus	NE	"The Hawk"

May 22 2021 Tr

1000	W296CD	107.1	Jonestown	PA	K-LOVE repeats 95.9 benton New

May 25 2021 Es

2029	KVCH	88.7	Huron	SD	rel.
2057	KITN	93.5	Worthington	MN	"93.5 ROCK-IT FM"

May 29 2021 Es

1900	KNON	89.3	Dallas	TX	"Energy 89.3", Call ID
1904	KBPC	93.5	Crockett	TX	ID as KHCB, which it repeats, ex KBHT
1933	WRKF	89.3	Baton Rough	LA	Call ID

May 30 2021 Es

1600	WGCF	89.3	Paducah	KY	Rel. "Middle Eastern Report" 740 mi. New

May 31 2021 Es

1410	WBVM	90.5	Tampa	FL	"Spirit FM"
1420	WKES	91.1	Lakeland	FL	"Moody Radio Florida"
1420	WHGN	91.9	Crystal Lake	Fl	"Moody Radio Florida"
1501	WYFB	90.5	Gainsville	Fl	Call ID, New
1506	WSKY	97.3	Micanopy	FL	Hannity Program
1900	KCCM	91.1	Moorhead	MN	MPR, ID
1903	WOLW	91.1	Cadillac	MI	"The Promise FM" 520 mi. New

June 1 2021 Es

1055	KGVV	90.5	Goltry	OK	KLVV ID, Rel.
1428	KHMY	93.1	Pratt	KS	"MY 93.1", ID
1459	KUND	89.3	Grand Forks	ND	Prairie Public Radio
1705	CKDR	92.7	Dryden	ON	Local news
1712	CKPR	91.5	Thunder Bay	ON	"Today's Best Music", Call ID
1721	CKXL	91.1	Winnipeg	MB	RDS ID, New

June 6 2021 Es

1921	KNYD	90.5	Broken Arrow	OK	RDS ID "Oasis Network"
1930	KOUA	91.9	Ada	OK	Voice ID "KGOU", New
1950	WHJT	93.5	Clinton	MS	"The Legend"
2011	KQID	93.1	Alexandria	LA	RDS ID
2030	KKGQ	92.3	Newton	KS	"Sizzlin' Hot Country, The Brand"

Russ Edmunds, WB2BJH, Blue Bell, PA
2 SDRPlay RSP1a SDR's, APS9a at 15'

Time	CALL	FREQ	CITY	STATE	RDS PI	PROG DETAILS	DIST	GRID
May 27 2021 Es								
1949	WGSG	89.5	Mayo	FL	RDS Capture 665A	826	EM70	
1949	WOLR	91.3	Lakeland	FL	RDS Capture 973F	816	EM80	
1952	WPAS	89.1	Pascagoula	MS	RDS Capture 7C56	993	EM50	
1952	WTBH	91.5	Chiefland	FL	Southern Gospel		854	EM62
1959	WUWF	88.1	Pensacola	FL	RDS Capture 8BB9	941	EM60	
May 29 2021 Es								
1259	WOLR	91.3	Lakeland	FL	RDS Capture 973F	816	EM80	
1317	WGSG	89.5	Mayo	FL	RDS Capture 665A	826	EM70	
1353	WPCS	89.5	Pensacola	FL	RDS Capture 7C8A	947	EM60	

1354	WPAS	89.1	Pascagoula	MS	RDS Capture	7C56	993	EM50	
1359	WLBF	89.1	Montgomery	AL	RDS Capture	71D3	809	EM61	
1400	WZEW	92.1	Fairhope	AL	RDS Capture	972A	980	EM50	
1400	WKSJ	94.9	Mobile	AL	RDS Capture	17ED	973	EM60	
1406	WFSU	88.9	Tallahassee	FL	RDS Capture	63C4	815	EM80	
1412	WUWF	88.1	Pensacola	FL	RDS Capture	8BB9	941	EM60	
1415	KMRL	91.9	Buras	LA	RDS Capture	0000	1099	EL59	
1416	WFSQ	91.5	Tallahassee	FL	RDS Capture	63C0	856	EM70	
1427	WOTB	88.7	Pearl River	LA	"The Bridge"		1054	EM50	
1427	WAOY	91.7	Gulfport	MS	RDS Capture	0000	1028	EM50	
1428	WZRH	92.3	LaPlace	LA	"Alt 92.3"		1119	EL49	
1430	WGUO	94.9	Reserve	LA	ID		1104	EM40	
1735	KJWM	91.5	Grand Island	NE	"Spirit Catholic Radio"			1222	EN00
1738	WMAW	88.1	Meridian	MS	RDS Capture	75EB	920	EM52	
1835	WUSJ	96.3	Madison	MS	Country, ID		992	EM42	
1839	WSMS	99.9	Artesia	MS	ID		861	EM53	
1839	WJMI	99.7	Jackson	MS	ID		992	EM42	
1839	WKOZ	98.3	Carthage	MS	ID - New		929	EM52	
1839	W244ED	96.7	Batesville	MS	ID for AM WJBI-1290 – New			902	EM54
1839	KYKZ	96.1	Lake Charles	LA	local ads - New		FFFF	1224	EM30
1839	KZMS	96.9	Alexandria	LA	RDS Capture	5355	1148	EM10	
1840	WYOY	101.7	Gluckstadt	MS	RDS Capture	958C	986	EM39	
1841	KMDL	97.3	Kaplan	LA	ID	1188	EM30		
1841	KRRQ	95.5	Lafayette	LA	Local ads		1166	EM30	
1902	KIWR	89.7	Council Bluffs	IA	Rock - Metal - Concert promo			1087	EN11
1903	KCBK	91.5	Frederick	OK	Southern Gospel, "The Gospel Station"				
					1351	EM04			
1904	KLUR	99.9	Wichita Falls	TX	ID	1352	EM03		
1904	KNTU	88.1	McKinney	TX	RDS Capture	3456	1295	EM13	
1904	KYDA	101.7	Azle	TX	RDS Capture	4FAE	1262	EM13	
1905	WBRH	90.3	Baton Rouge	LA	Jazz, events calendar - New		1117	EM40	
1913	KSQX	89.1	Springtown	TX	RDS Capture	413F	1334	EM12	
1913	WRKF	89.3	Baton Rouge	LA	RDS Capture	8295	1121	EM40	
1924	WTIX	94.3	Galliano	LA	RDS Capture	87BB	1099	EL59	
1926	WWRA	91.9	Clinton	LA	Spanish ballads, R. Amor ID		1083	EM40	
1931	KPAQ	88.1	Plaquemines	LA	RDS Capture	0000	1131	EM40	
1931	KLIL	92.1	Moreauville	LA	RDS Capture	2DE7	1127	EM41	
1932	KTSR	92.1	DeQuincy	LA	ID	1223	EM30		
1932	WMFT	88.9	Tuscaloosa	AL	Moody net promo			816	EM63
1933	WMPN	91.3	Jackson	MS	RDS Capture	75EB	986	EM42	
1935	WLXW	89.7	Waynesboro	MS	RDS Capture	7420	950	EM51	
1936	KOLI	94.9	Electra	TX	RDS Capture	361E	1368	EM03	
1936	KAOW	88.9	Fort Smith	AR	RDS Capture	1182	1211	EN00	
1937	WLMG	101.9	New Orleans	LA	ID	1090	EL49		
1937	KDLC	97.7	DuLac	LA	ID - New		1153	EL49	
1941	KQLK	97.9	DeRidder	LA	Classic Country, promo			1203	EM30
1941	WJQX	100.5	Helena	AL	ESPN Sports talk			767	EM63
1941	WTGE	100.7	Baton Rouge	LA	ID	1121	EM40		
1942	WLXQ	99.1	Greensboro	AL	K-Love - New		848	EM62	

1943	KXKC	99.1	New Iberia	LA	ID	1154	EM40		
1944	WMBV	91.9	Dixon's Mills	AL	RDS Capture	7487	887	EL88	
1945	WEZB	97.1	New Orleans	LA	ID F000	1090	EL49		
1945	WBBN	95.9	Taylorsville	MS	RDS Capture	5773	986	EM51	
1946	WFFN	95.3	Coaling	AL	RDS Capture	626B	825	EM83	
1947	WOKK	97.1	Meridian	MS	RDS Capture	7AAE	920	EM52	
1947	WJXM	95.1	Marion	MS	RDS Capture	6ECE	921	EM52	
1948	KLXE	93.5	Calhoun	LA	K-Love, local promo		1082	EM32	
1948	WMAU	88.9	Bude	MS	RDS Capture	75EB	1056	EM41	
1949	WYNK	101.5	Baton Rouge	LA	RDS Capture	1564	1125	EM40	
1952	WGDQ	93.1	Sumrall	MS	Gospel, local events - New		994	EM51	
1952	KTDY	99.9	Lafayette	LA	RDS Capture	4292	1169	EM30	
1958	KDEW	97.3	DeWitt	Ar	U of Ark BB, per site		970	EM44	
2001	WBSN	89.1	New Orleans	LA	RDS Capture	592D	1090	EL49	
2005	KLBT	88.1	Beaumont	TX	ID	1282	EL29		
2005	W235BS	94.9	Birmingham	AL	RDS Capture (WATV-900-AM) - New				56AB
					790 EM63				
2035	KITA	89.5	Iota	LA	RDS Capture	270C	1194	EM30	
2038	KHIH	99.9	Liberty	TX	KSBJ promo		1288	EM20	
2042	KVLU	91.3	Beaumont	TX	RDS Capture	48A6	1263	EM30	
2043	KROI	92.1	Seabrook	TX	RDS Capture	A358	1361	EL29	
2043	KJIC	90.5	Santa Fe	TX	RDS Capture - New		2896	1354	EL29
2058	KCKR	91.9	Church Point	LA	RDS Capture	165D	1162	EM30	
2102	WPAE	89.7	Centreville	LA	RDS Capture	7C48	1082	EM41	

May 30 2021 Es

1256	WLRN	91.3	Miami	FL	RDS Capture	737B	1018	EL95	
1305	WFSQ	91.5	Tallahassee	FL	RDS Capture	63C0	856	EM70	
1314	WAYF	88.1	West Palm Beach	FL	"Way FM"		978	EL96	
1314	WMLV	89.7	Miami	FL	K-Love	1052	EL95		
1339	WZTU	94.9	Miami Beach	FL	SS music, Miami mentions			1031	EL95
1349	KCVZ	92.1	Dixon	MO	Spirit FM // 92.1			917	EM37
1542	KFCV	90.5	Dixon	MO	Bott net - preaching // 91.5			912	EM37
1542	KCKJ	89.5	Sarcoxie	MO	RDS Capture	1655	1024	EM37	
1542	KMXL	95.1	Carthage	Mo	RDS Capture	3211	1047	EM27	
1548	KSIV	91.5	St. Louis	MO	Preaching - Bott Net	406D	810	EM48	
1549	KBXB	97.9	Sikeston	MO	Cardinals BB pregame - New			805	EM56
1549	KIRX	99.7	Kirksville	MO	Cardinals BB pre-game - New			934	EM39
1549	KXMO	95.3	Owensville	MO	RDS Capture	4E02	874	EM48	
1549	KXDG	97.9	Webb City	MO	RDS Capture	4D10	1054	EM27	
1549	KCKF	91.9	Cuba	MO	Spirit FM // 92.1			875	EM48
1558	KNEO	91.7	Neosho	MO	Local events		1058	EM26	

May 31 2021 Es

1354	WOLR	91.3	Lakeland	FL	RDS Capture	973F	816	EM80
1400	WGSG	89.5	Mayo	FL	RDS Capture	665A	826	EM70
1411	WUWF	88.1	Pensacola	FL	RDS Capture	8BB9	941	EM60
1412	WZEW	92.1	Fairhope	Al	RDS Capture	972A	980	EM50

1414	WKSJ	94.9	Mobile	AL	ID	973	EM60		
1414	WTIX	94.3	Galliano	LA	Oldies, local ad			1099	EL59
1414	WPCS	89.5	Pensacola	FL	RDS Capture	7C8A	947	EM60	
1418	WUSF	89.7	Tampa	FL	Jazz, promo		938	EL87	
1418	WFSQ	91.5	Tallahassee	FL	RDS Capture	63C0	856	EM70	
1424	WMAW	88.1	Meridian	MS	RDS Capture	75EB	920	EM52	
1446	WXTB	97.9	Clearwater	FL	Local ad		930	EL88	
1455	WLFH	88.9	Claxton	GA	Dual station ID - "His Radio"			653	EM92
1508	WECQ	92.1	Destin	FL	RDS Capture	5F7C	915	EM60	
1510	WMLS	88.7	Grand Marais	MN	Promo, URL - New			913	EN47
1512	WTBH	91.5	Chiefland	FL	ID	854	EM62		
1517	WNFK	92.1	Perry	FL	ID	835	EM80		
1549	WJSP	88.1	Warm Springs	GA	GPB promo		726	EM72	
1549	WVFS	89.7	Tallahassee	FL	RDS Capture	8CB0	840	EM70	
1549	WTGF	90.5	Milton	FL	RDS Capture	8775	936	EM60	
1557	WGTF	89.5	Dothan	Al	RDS Capture	6673	838	EM71	
1601	WMUM	89.7	Cochran	GA	GPB ID	691	EM82		
1848	KGBI	100.7	Omaha	NE	RDS Capture	1FFA	1087	EN11	
1848	KMLV	88.1	Ralston	NE	RDS Capture	A3E3	1087	EN11	
1848	KVSS	102.7	Papillion	NE	Religious talk - only one in narrow skip zone 1098 EN11				
1849	KGOR	99.9	Omaha	NE	ID	1089	EN11		
1853	KWCK	99.9	Searcy	AR	RDS Capture	4A56	964	EM45	

June 1 2021 Es

1053	KRBB	97.9	Wichita	KS	ID	1202	EM17		
1059	KREJ	101.7	Medicine Lodge	KS	ID	1271	EM07		
1109	KYDA	101.7	Azle	TX	RDS Capture	4FAE	1262	EM13	
1110	KTCK	96.3	Flower Mound	TX	ESPN Sports - New			1309	EM13
1137	KJCV	89.7	Country Club	MO	Preaching - Bott Net // 88.9			1087	EN11
1137	KYLF	88.9	Adrian	MO	Preaching - Bott Net //89.7			1024	EM28
1141	KMUW	89.1	Wichita	KS	RDS Capture	31CE	1198	EM17	
1145	KNCK	94.9	Concordia	KS	ID	1192	EM29		
1145	KAXR	91.3	Arkansas City	KS	Preaching - Bott Net // others			1184	EM17
1147	KHMY	93.1	Pratt	KS	ID	1242	EM07		
1147	KICT	95.1	Wichita	KS	RDS Capture	2567	1203	EM17	
1148	KCVW	94.3	Kingman	KS	Preaching - Bott - // others			1202	EM17
1148	KNTU	88.1	McKinney	TX	RDS Capture	3456	1295	EM13	
1151	KANU	91.5	Lawrence	KS	RDS Capture	1166	1066	EM28	
1215	KSSU	91.9	Durant	OK	ID	1236	EM14		
1221	KSQX	89.1	Springtown	TX	RDS Capture	413F	1334	EM12	
1346	KKGQ	92.3	Newton	KS	ID	1191	EM18		
1353	KLRK	91.9	Great Bend	KS	RDS Capture	2ED4	1259	EM08	
1359	KGLV	88.9	Manhattan	KS	K-Love	1106	EM19		
1409	KPRD	88.9	Hays	KS	ID	1251	EN08		
1417	KHCD	89.5	Salina	KS	RDS Capture	22B3	1176	EM19	
1420	KANV	91.3	Olsberg	KS	Classical // KANU			1151	EM19
1420	KREP	92.1	Belleville	KS	Local events promo			1184	EM19

1422	KBMP	90.5	Enterprise	KS	Preaching - Bott // others		1176	EM19
1425	KZAN	91.7	Hays	KS	Classical, High Plains Public		1281	EM08
1444	KHNE	89.1	Hastings	NE	RDS Capture 23D2	1196	EN00	
1452	KLNE	88.7	Lexington	NE	Classical // KHNE		1286	EM00

June 5 2021 Es

1846	KVLU	91.3	Beaumont	TX	RDS Capture 48A6	1263	EM30	
2020	KTYR	89.7	Trinity	TX	Spanish religious music and talk, R. Aleluya 1294 EM21			
2020	KHML	91.5	Madisonville	TX	Christian music, KHCB promo		1222	EN00
2022	WKXY	92.1	Merigold	MS	RDS Capture 717E	935	EM44	
2022	KLDN	88.9	Lufkin	TX	ID, Red River Radio		1244	EM21
2022	KAVX	91.9	Lufkin	TX	ID	1240	EM21	
2024	KFLO	89.1	Blanchard	LA	ID	1171	EM32	
2028	KAYT	88.1	Jena	LA	Sponsor announcement for a funeral home in Pineville	1131	EM31	
2028	KYFL	89.5	Monroe	LA	BBN ID	1072	EM32	
2042	KAVK	89.3	Many	LA	RDS Capture 122C	1131	EM31	

June 6 2021 Es

1741	WMPN	91.3	Jackson	MS	RDS Capture 75EB	986	EM42	
1848	KCVW	94.3	Kingman	KS	RDS Capture 1780	1202	EM17	
1853	KJLU	88.9	Jefferson City	MO	ID	912	EM38	
1853	KSIV	91.5	St. Louis	MO	Preacher - Bott network		810	EM48
1853	KCKR	91.9	Church Point	LA	SONLIFE	1162	EM30	
1855	KWOU	88.1	Woodward	OK	RDS Capture 4B98	1334	EM06	
1856	KAYT	88.1	Jena	LA	Gospel service		1131	EM31
1856	KJTH	89.7	Ponca City	OK	RDS Capture 29B9	1229	EM16	
1856	KQKI	95.3	Bayou Vista	LA	RDS Capture 3B4C	1158	EM49	
1857	KCJK	89.5	Sarcoxie	MO	RDS Capture 1655	1058	EM33	
1857	KUAF	91.3	Fayetteville	AR	RDS Capture 44D5	1061	EM36	
1901	KDGS	93.5	Andover	KS	ID	1189	EM17	
1901	KINZ	95.3	Humboldt	KS	ID	1095	EM27	
1905	WYFE	88.9	Tarpon Springs	FL	BBN	915	EM62	
1905	KWFC	89.1	Springfield	MO	RDS Capture 4A9C	994	EM37	
1905	KANQ	90.3	Chanute	KS	KPB promo - New		1107	EM27
1905	KLMK	90.7	Marvell	AR	K-Love - best probable for skip zone - New 941 EM44			
1905	WGUO	94.9	Reserve	LA	ID	1104	EM40	
1905	KKOW	96.9	Pittsburg	KS	RDS Capture 2BEA	1069	EM27	
1905	KBFL	99.9	Buffalo	MO	ESPN+ Sports	975	EM37	
1908	KZCH	96.3	Derby	KS	Ad for 7 Clans Casino and Stroud's Restaurant	1197	EM17	
1909	KQID	93.1	Alexandria	LA	RDS Capture 3B13	1112	EM31	
1911	KCRL	90.3	Sunrise Beach	MO	Tony Evans via Bott // others		944	EM38
1913	KTBT	92.1	Broken Arrow	OK	RDS Capture 1259	1159	EM16	
1913	KJMK	93.9	Webb City	Mo	ID	1070	EM27	
1913	WKSJ	94.9	Mobile	Al	RDS Capture 17ED	973	EM60	

1915	KMXL	95.1	Carthage	MO	RDS Capture	3211	1047	EM27
1916	KGVV	90.5	Goltry	OK	RDS Capture	220F	1256	EM06
1917	KRNE	91.5	Merriman	NE	RDS Capture	3E3A	1378	DN90
1917	KOSU	91.7	Stillwater	OK	RDS Capture	36E0	1245	EM15
1917	KVOO	98.5	Tulsa	OK	RDS Capture	48EE	1160	EM16
1919	WUWF	88.1	Pensacola	FL	RDS Capture	8BB9	941	EM60
1919	KNYD	90.5	Broken Arrow	OK	RDS Capture	34C7	1160	EM25
1919	KQOB	96.9	Enid	OK	Classic Hits, OK PSA – New		1249	EM15
1920	WWRM	94.9	Tampa	FL	RDS Capture	9086	940	EL87
1921	WSTF	91.5	Andalusia	AL	RDS Capture	5F09	869	EM61
1922	WZEW	92.1	Fairhope	AL	RDS Capture	972A	980	EM50
1923	WOTB	88.7	Pearl River	LA	RDS Capture	7B8F	1054	EM50
1923	KBHN	89.7	Booneville	AR	ID	1082	EM25	
1923	KTXJ	102.7	Jasper	TX	Ads for Market Basket Deli, Burrous Dozer and Dirt - New		1219	EM31
1924	KSNS	91.5	Medicine Lodge	KS	RDS Capture	A4EC	1271	EM07
1928	KHLT	99.7	Belle Plaine	KS	SS pop music, "La Raza" - New		1208	EM17
1930	WPCS	89.5	Pensacola	FL	RDS Capture	7C8A	947	EM60
1930	KOGW	90.5	Stratford	TX	"Friends of Israel Today" - per site - New		1472	DM86
1932	KWGS	89.5	Tulsa	OK	RDS Capture	4AC6	1156	EM26
1932	KGRM	91.5	Grambling	LA	RDS Capture	219E	1102	EM32
1937	WHIL	91.3	Mobile	AL	RDS Capture	67FF	961	EM60
1940	WBAD	94.3	Leland	MS	RDS Capture	574F	984	EM43
1942	KERX	95.3	Paris	AR	Local ad		1077	EM25
1943	WMAU	88.9	Bude	MS	RDS Capture	75EB	617	EN60
1943	KYFL	89.5	Monroe	LA	RDS Capture	4FED	1072	EM32
1943	KFXI	92.1	Marlow	OK	RDS Capture	1F92	1300	EM04
1945	WTCD	96.9	Indianola	MS	RDS Capture	870B	948	EM43
1945	KZBB	97.9	Poteau	OK	RDS Capture	521F	1115	EM25
1945	KJYO	102.7	Oklahoma City	OK	Promo for JoJo Wright pgm, only possibility in skip zone		1248	EM15
1946	WIBT	97.9	Greenville	MS	RDS Capture	69F5	985	EM43
1947	KVLU	91.3	Beaumont	TX	RDS Capture	48A6	1263	EM30
1947	KAVX	91.9	Lufkin	TX	RDS Capture	1239	1240	EM21
1947	KTSR	92.1	DeQuincy	LA	ID	1223	EM30	
1947	WMSU	92.1	Starkville	MS	ID	877	EM53	
1947	WDMS	100.7	Greenville	MS	RDS Capture	5DDE	985	EM43
1949	WMYQ	92.7	Moorhead	MS	Country, ID		949	EM43
1949	KQCV	95.1	Shawnee	OK	RDS Capture	3AB9	1198	EM15
1951	KAVK	89.3	Many	LA	RDS Capture	122C	1131	EM31
1955	KTFX	101.7	Warner	OK	Country, ID		1129	EM25
1956	KNEO	91.7	Neosho	MO	ID, promo		1058	EM26
1957	KJLG	91.9	Emporia	KS	KJIL ID	1124	EM18	
1957	KJIL	99.1	Copeland	KS	ID	1371	DM97	
1958	KANH	89.7	Emporia	KS	KS PSA, KPB ID		1119	EM18
1958	KZMZ	96.9	Alexandria	LA	RDS Capture	5355	1151	EM31
1958	KBBQ	102.7	Van Buren	AR	ID - New		1089	EM25
1959	KAOW	88.9	Fort Smith	AR	AFR, ID	1211	EN00	

1959	KVNE	89.5	Tyler	TX	RDS Capture	48CA	1224	EM22
1959	KFXU	90.5	Chickasha	OK	ID	1290	EM14	
2000	KLFC	88.1	Branson	MO	ID	1002	EM36	
2000	KOZO	89.7	Branson	MO	RDS Capture	3790	1003	EM36
2000	KCBK	91.5	Frederick	OK	ID	1351	EM04	
2000	KTRU	91.9	La Harpe	KS	ID	1086	EM27	
2001	WLRK	91.5	Greenville	MS	K-Love - "The Delta's Positive Encouraging K-Love"	998	EM43	
2002	WYOY	101.7	Gluckstadt	MS	RDS Capture	958C	986	EM39
2005	KAYH	89.3	Fayetteville	AR	Tony Evans via Bott network	1055	EM26	
2005	KRBB	97.9	Wichita	KS	RDS Capture	3CFF	1202	EM17
2006	KPAQ	88.1	Plaquemines	LA	RDS Capture	0000	1131	EM40
2006	KTYR	89.7	Trinity	TX	SS music, talk, ID as Aleluya	1294	EM21	
2006	KHMY	93.1	Pratt	KS	RDS Capture	23CC	1242	EM07
2006	KTDY	99.9	Lafayette	LA	RDS Capture	4292	1169	EM30
2007	WRKF	89.3	Baton Rouge	LA	RDS Capture	8295	1121	EM40
2007	KBRU	94.7	Oklahoma City	OK	ID	1256	EM15	
2007	KQZQ	98.3	Kiowa	KS	ID	1265	EM07	
2008	KMUW	89.1	Wichita	KS	RDS Capture	31CE	1198	EM17
2008	KXXY	96.1	Oklahoma City	OK	ID	1248	EM15	
2008	KXKC	99.1	New Iberia	LA	ID	1154	EM40	
2009	KAXR	91.3	Arkansas City	KS	AFR, RDS Capture	0000	1184	EM17
2010	WCQC	91.3	Clarksdale	MS	RDS Capture	0000	945	EM44
2010	WKOZ	98.3	Carthage	MS	Oldies/Classic Hits, "Cruisin' 98.3"	929	EM52	
2012	KHCD	89.5	Salina	KS	RDS Capture	22B3	1176	EM19
2012	KJDM	101.7	Lindsborg	KS	RDS Capture	281E	1198	EM18
2013	KICT	95.1	Wichita	KS	RDS Capture	2567	1203	EM17
2013	KREJ	101.7	Medicine Lodge	KS	RDS Capture	3D55	1271	EM07
2016	KOLI	94.9	Electra	TX	RDS Capture	361E	1368	EM03
2017	KGLV	88.9	Manhattan	KS	RDS Capture	210B	1106	EM19
2019	KNTU	88.1	McKinney	TX	RDS Capture	3456	1295	EM13
2019	KVDM	88.1	Hays	KS	RDS Capture - New	47CE	1281	EM08
2019	KLRK	91.9	Great Bend	KS	RDS Capture	2ED0	1259	EM08
2019	KCCV	92.3	Olathe	KS	Preacher - Bott net // others	1044	EM28	
2019	KLDG	102.7	Liberal	KS	ID	1406	DM97	
2020	KCMO	94.9	Shawnee	KS	RDS Capture	168E	1029	EM29
2046	KNGM	88.9	Guymon	OK	RDS Capture	32FC	1432	DM96
2056	KWAS	88.1	Borger	TX	"Friends of Israel Today" per site - New	1450	DM9	

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928	WMIB	103.5	Fort Lauderdale	FL	RDS Capture	1529	1019	EL95
951	WAYJ	89.5	Naples	FL	RDS Capture	5721	1037	EL96
951	WLRN	91.3	Miami	FL	RDS Capture	737B	1018	EL95
951	WMLV	89.7	Miami	FL	RDS Capture	758B	1052	EL95
952	WZTU	94.9	Miami Beach	FL	RDS Capture	18AE	1031	EL95
952	WVUM	90.5	Coral Gables	FL	RDS Capture	8E30	1037	EL95

952	WAYF	88.1	West Palm Beach	FL	ID	978	EL96			
954	WRMB	89.3	Boynton Beach	FL	RDS Capture	82C5	982	EL96		
954	WBGF	93.5	Belle Glade	FL	Dance Music, "R. Revolution" 2 here, this is closest		978	EL96		
959	KSUI	91.7	Iowa City	IA	RDS Capture	4198	844	EN41		
1002	WWFR	91.7	Stuart	FL	ID	946	EL97			
1004	WQCS	88.9	Fort Pierce	FL	RDS Capture	7F2E	925	EL97		
1006	WTIR	91.9	Brighton Resrvtn	FL	Classic country, ID			960	EL97	
1020	WURN	107.1	Key Largo	FL	Spanish talk, music			1082	EL95	
1023	WJIS	88.1	Bradenton	FL	RDS Capture	6D4E	987	EL87		
1023	WSCF	91.9	Vero Beach	FL	RDS Capture	8469	913	EL97		
1025	WCTQ	92.1	Venice	FL	RDS Capture	1BEE	987	EL87		
1027	WSMR	89.1	Sarasota	FL	RDS Capture	8579	988	EL87		
1027	WKTO	88.9	Edgewater	FL	ID	834	EL99			
1027	WFUS	103.5	Gulfport	FL	ID	938	EL87			
1029	WBVM	90.5	Tampa	FL	RDS Capture	597A	939	EL87		
1040	WCMQ	92.3	Hialeah	FL	Spanish talk, music, Miami ads				1031	EL95
1040	WWRM	94.9	Tampa	FL	RDS Capture	9086	940	EL87		
1042	WRBQ	104.7	Tampa	FL	ID	937	EL87			
1042	WLYF	101.5	Miami	FL	RDS Capture	7429	1020	EL95		
1044	WGSG	89.5	Mayo	FL	RDS Capture	665A	826	EM70		
1045	WCIE	91.5	New Port Richey	FL	RDS Capture	5AC4	922	EL89		
1045	WAPE	95.1	Jacksonville	FL	RDS Capture	5632	767	EM90		
1045	WHGN	91.9	Crystal River	FL	RDS Capture	67CD	882	EL98		
1045	WXGL	107.3	St. Petersburg	FL	RDS Capture	920B	936	EL88		
1049	WSLY	104.9	York	AL	Country, ID		903	EM52		
1052	WFKZ	103.1	Plantation Key	FL	RDS Capture	62F9	1093	EL94		
1053	WMXJ	102.7	Pompano Beach	FL	RDS Capture	76B7	1019	EL95		
1054	WFSU	88.9	Tallahassee	FL	RDS Capture	63C4	815	EM80		
1056	WRLX	94.3	Riviera Beach	FL	Spanish talk, music, "Mia 94.3"				964	EL96
1059	WGNK	88.3	Pennsuco	FL	Spanish, "La Nueva 88.3"				1030	EL95
1104	WUSF	89.7	Tampa	FL	RDS Capture	8B51	938	EL87		
1106	WGTF	89.5	Dothan	AL	RDS Capture	6673	838	EM71		
1115	WUWF	88.1	Pensacola	FL	RDS Capture	8BB9	941	EM60		
1119	WTGF	90.5	Milton	FL	RDS Capture	8775	936	EM60		
1121	KAIA	91.5	Bloomfield	MO	RDS Capture	A1D0	846	EM55		
1123	WZEW	92.1	Fairhope	AL	RDS Capture	972A	980	EM50		
1136	KPAQ	88.1	Plaquemines	LA	RDS Capture	0000	1131	EM40		
1136	WPAS	89.1	Pascagoula	MS	RDS Capture	7C56	993	EM50		
1137	WAOY	91.7	Gulfport	MS	RDS Capture	0000	1028	EM50		
1137	WZRH	92.3	LaPlace	LA	Screaming rock, ID			1119	EL49	
1138	WMAW	88.1	Meridian	MS	RDS Capture	75EB	920	EM52		
1141	WLGF	107.1	Gulfport	MS	RDS Capture - New+	G80	7255		1024	EM50
1141	WRKF	89.3	Baton Rouge	LA	RDS Capture	8295	1121	EM40		
1141	WOTB	88.7	Pearl River	LA	ID	1054	EM50			
1145	KNXX	104.9	Donaldsonville	LA	Sports talk, LA focus			1124	EN40	
1146	WGUO	94.9	Reserve	LA	ID	1104	EM40			
1146	WAPR	88.3	Selma	AL	Classical, APB promo				844	EM62
1146	WMAU	88.9	Bude	MS	RDS Capture	75EB	617	EN60		

1146	WWNO	89.9	New Orleans	LA	RDS Capture	9020	1090	EL59		
1147	KITA	89.5	Iota	LA	RDS Capture	270E	1194	EM30		
1147	WJXM	95.1	Marion	MS	RDS Capture	6ECE	921	EM52		
1147	WLXW	89.7	Waynesboro	MS	RDS Capture	7420	950	EM51		
1149	KQKI	95.3	Bayou Vista	LA	ID	1158	EM49			
1149	WMBV	91.9	Dixon's Mills	AL	RDS Capture	7487	887	EL88		
1153	WLBF	89.1	Montgomery	AL	RDS Capture	71D3	809	EM61		
1153	WMPN	91.3	Jackson	MS	RDS Capture	75EB	986	EM42		
1200	WSQH	91.7	Decatur	MS	ID	935	EM52			
1200	KCKR	91.9	Church Point	LA	RDS Capture	165D	1162	EM30		
1200	WAQL	90.5	McComb	MS	ID	1046	EM41			
1201	W221ED	92.1	McMinnville	TN	RDS (WAKI-1230) - New			55B4	650	EM75
1201	WYBK	89.7	Chattanooga	TN	ID - New		647	EM75		
1203	WQRR	101.7	Reform	AL	RDS Capture	A8B3	843	EM63		
1204	WALN	89.3	Carrolton	AL	RDS Capture	55D3	855	EM53		
1204	WKUL	92.1	Cullman	AL	RDS Capture	7123	752	EM64		
1204	KGRM	91.5	Granbling	LA	RDS Capture	219E	1102	EM32		
1205	KRVS	88.7	Lafayette	LA	ID	1169	EM30			
1207	WAEZ	94.9	Greeneville	TN	RDS Capture	5529	491	EM86		
1207	WJAI	93.9	Pearl	MS	Air 1 - New		979	EM52		
1207	WMBW	88.9	Chattanooga	TN	RDS Capture	7488	658	EM74		
1208	WRBO	103.5	Como	MS	RDS Capture	81B4	878	EM54		
1208	WNFN	106.7	Franklin	TN	RDS Capture - New+		G80	778B	688	EM66
1212	WLSM	107.1	Louisville	MS	RDS Capture	7394	902	EM53		
1212	WIMZ	103.5	Knoxville	TN	RDS Capture - New+		G111	6B19	536	FM86
1219	WKMS	91.3	Murray	KY	RDS Capture	A75A	600	EM56		
1221	WQQK	92.1	Goodlettsville	TN	ID	677	EM66			
1221	WMSB	88.9	Byhalia	MS	RDS Capture	762D	873	EM54		
1221	WMOT	89.5	Murfreesboro	TN	RDS Capture	75D7	668	EM66		
1222	WKDF	103.3	Nashville	TN	RDS Capture - New		6F63	690	EM66	
1222	WOGY	104.1	Jackson	TN	RDS Capture	7A54	801	EM55		
1224	WSMC	90.5	Collegedale	TN	Classical, promo			640	EM75	
1226	KYLF	88.9	Adrian	MO	Preaching - Bott net			1024	EM28	
1226	KATI	94.3	California	MO	ID	930	EM38			
1226	WSIU	91.9	Carbondale	IL	RDS Capture	8514	768	EM57		
1229	WJLR	91.5	Seymour	IN	ID	568	EM78			
1229	KASU	91.9	Jonesboro	AR	ID	867	EM45			
1229	KDHX	88.1	St. Louis	MO	RDS Capture	18B9	818	EM48		
1230	KSIV	91.5	St. Louis	MO	Preaching - Bott - // others				810	EM48
1230	KWFC	89.1	Springfield	MO	RDS Capture	4A9C	994	EM37		
1230	KTTS	94.7	Springfield	MO	Country, ID		978	EM37		
1230	KAYH	89.3	Fayetteville	AR	RDS Capture	1277	1055	EM26		
1230	WEIU	88.9	Charleston	IL	ID - New		685	EM59		
1239	WQKQ	92.1	Dallas City	IL	RDS Capture	7FFC	837	EN40		
1239	KJLU	88.9	Jefferson City	Mo	RDS Capture	28F6	912	EM38		
1239	KSHE	94.7	Crestwood	MO	RDS Capture	A442	810	EM48		
1243	WIPA	89.3	Pittsfield	IL	RDS Capture	3D44	816	EM49		
1243	WCIC	91.5	Pekin	IL	RDS Capture	5AC2	752	EN50		
1248	KCSI	95.3	Red Oak	IA	ID	1045	EN21			

1248	KIWR	89.7	Council Bluffs	IA	ID	1097	EN11		
1248	KXCV	90.5	Maryville	MO	Underwriting announcements			1032	EN20
1248	KJIR	91.7	Hannibal	MO	RDS Capture	623B	1007	EM49	
1252	KMFC	92.1	Centralia	MO	RDS Capture	A334	899	EM39	
1252	KJCV	89.7	Country Club	MO	RDS Capture	280D	1087	EN11	
1252	KLFG	89.5	Fort Dodge	IA	RDS Capture	2D94	1005	EN22	
1252	KJTY	88.1	Topeka	KS	RDS Capture	29CA	1068	EM28	
1254	KANU	91.5	Lawrence	KS	RDS Capture	1166	1066	EM28	
1256	KOPN	89.5	Columbia	OK	RDS Capture	368B	908	EM38	
1256	KBIA	91.3	Columbia	MO	RDS Capture	1374	908	EM38	
1256	KLOZ	92.7	Eldon	MO	ID	933	EM38		
1256	WNIU	90.5	Rockford	IL	ID	726	EN52		
1259	WNIJ	89.5	DeKalb	IL	RDS Capture	77D5	726	EN52	
1259	KICJ	88.9	Mitchellville	IA	RDS Capture	255D	947	EN31	
1259	KCCK	88.3	Cedar Rapids	IA	Jazz, ID		861	EN41	
1259	WSIE	88.7	Edwardsville	IL	Jazz, ID		789	EM58	
1300	WFEZ	93.1	Miami	FL	ID 625D	1019	EL95		
1300	WAVW	92.7	Stuart	FL	Country, "The Wave"			937	EL97
1300	WMKL	91.9	Hammocks	FL	RDS Capture	7567	1043	EL95	
1301	KHCD	89.5	Salina	KS	RDS Capture	22B3	1176	EM19	
1301	KCVQ	89.7	Knob Noster	MO	ID	976	EM38		
1301	KNSR	88.9	Collegeville	MN	ID	1027	EN44		
1303	KSOI	91.9	Murray	IA	ID	990	EN20		
1303	KCHE	92.1	Cherokee	IA	ID	1063	EN22		
1307	WGHN	92.1	Grand Haven	MI	RDS Capture - New	6543	601	EN63	
1307	KXNE	89.3	Norfolk	NE	RDS Capture	4E12	1150	EN12	
1309	KMLV	88.1	Ralston	NE	RDS Capture	A3E3	1087	EN11	
1314	WHHI	91.3	Highland	WI	RDS Capture	67E2	807	EN43	
1323	KCMP	89.3	Northfield	MN	RDS Capture	EEEF	938	EN34	
1323	KRSW	89.3	Wothington	MN	MPB promo		1060	EM23	
1323	KZSE	91.7	Rochester	MN	RDS Capture	53DC	922	EN34	
1323	WMEQ	92.1	Menomonie	WI	ID	897	EN44		
1323	KNGA	90.5	St. Peter	MN	RDS Capture	32F0	999	EN34	
1332	WWRA	91.9	Clinton	LA	Spanish - "R. Amor"			1083	EM40
1856	KVCF	90.5	Freeman	SD	VCY America		1161	EN13	
1856	KNEN	94.7	Norfolk	NE	RDS Capture	FFFF	1167	EN11	
1859	KSTJ	91.3	Hartford	SD	RDS Capture	417F	1161	EN13	
1900	KFHC	88.1	Ponca	NE	RDS Capture	1DEC	1116	EM12	
1904	KOYA	88.1	Rosebud	SD	RDS Capture - New	3768	1328	DN93	
1924	KRNE	91.5	Merriman	NE	RDS Capture	3E3A	1378	DN90	
2016	KQSD	91.9	Lowry	SD	RDS Capture	3C17	1297	EN05	
2016	KTZU	94.9	Velva		RDS Capture	44CA	1395	DN98	

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919	KUAR	89.1	Little Rock	AR	RDS Capture	44E1	1011	EM34	
920	KASU	91.9	Jonoesboro	AR	NPR, local promo			867	EM45
925	KHKN	94.9	Maumelle	AR	RDS Capture	138D	1009	EM34	
925	KUAF	91.3	Fayetteville	AR	Classical, ID		1061	EM36	

925	WMOT	89.5	Murfreesboro	TN	RDS Capture	75D7	668	EM66	
929	KLRE	90.5	Little Rock	AR	Classical, AR PSA			1009	EM34
931	WCQC	91.3	Clarksdale	MS	RDS Capture	0000	945	EM44	
931	WLXW	89.7	Waynesboro	MS	RDS Capture	7420	950	EM51	
931	WXKV	90.5	Selmer	TN	RDS Capture	927D	802	EM55	
931	WMSB	88.9	Byhalia	MS	RDS Capture	762D	873	EM54	
931	WMAW	88.1	Meridian	MS	RDS Capture	75EB	920	EM52	
931	WDNX	89.1	Olive Hill	TN	RDS Capture	5DFD	777	EM55	
932	WKWX	93.5	Savannah	TN	RDS Capture - New	7163	779	EM55	
937	WKXY	92.1	Merigold	MS	RDS Capture	717E	935	EM44	
938	WLRK	91.5	Greenville	MS	RDS Capture	82B4	998	EM43	
938	WOWL	91.9	Burnsville	MS	RDS Capture	7BE7	804	EM54	
945	WMAE	89.5	Booneville	MS	RDS Capture	745C	822	EM54	
951	WBSN	89.1	New Orleans	LA	RDS Capture	592D	1090	EL49	
951	WAII	89.3	Hattiesburg	MS	RDS Capture - New	0000	997	EM51	
953	KYLC	90.3	Lake Charles	LA	ID - New+G197			1193	EM30
953	WOTB	88.7	Pearl River	LA	RDS Capture	7B8F	1054	EM50	
953	WAFR	88.3	Selma	AL	Local PSA, APB promo			844	EM62
953	WWNO	89.9	New Orleans	LA	RDS Capture	9020	1090	EL59	
954	WJIK	89.3	Fulton	Al	SONLIFE - New			897	EM61
956	WAOY	91.7	Gulfport	MS	RDS Capture	0000	1028	EM50	
959	WMAU	88.9	Bude	MS	ID	617	EM60		
1000	KLAA	103.5	Tioga	LA	RDS Capture	2D0C	1130	EM31	
1001	WLMG	101.9	New Orleans	LA	RDS Capture	72F2	1090	EL49	
1002	WYOY	101.7	Gluckstadt	MS	ID	986	EM39		
1005	WPAS	89.1	Pascagoula	MS	RDS Capture	7C56	993	EM50	
1006	WMBV	91.9	Dixon's Mills	AL	RDS Capture	7487	887	EL88	
1006	WZEW	92.1	Fairhope	AL	RDS Capture	972A	980	EM50	
1007	WYNK	101.5	Baton Rouge	LA	RDS Capture	1564	1125	EM40	
1008	WWRA	91.9	Clinton	LA	Spanish talk, music, "R. Amor"			1083	EM40
1010	WTIX	94.3	Galliano	LA	ID	1099	EL59		
1012	KPAQ	88.1	Plaquemines	LA	RDS Capture	0000	1131	EM40	
1023	WGTF	89.5	Dothan	AL	RDS Capture	6673	838	EM71	
1701	KYFL	89.5	Monroe	LA	RDS Capture	4FED	1072	EM32	
1703	WFIX	91.3	Florence	AL	ID	779	EM64		
1705	WMPN	91.3	Jackson	MS	RDS Capture	75EB	986	EM42	